

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043134.D
 Acq On : 24 Sep 2024 19:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2024
 Supervised By : Mahesh Dadoda 09/25/2024

Quant Time: Sep 25 01:36:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	105929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94658	53.797	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.600%			
35) Dibromofluoromethane	5.385	113	71108	52.853	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.700%			
50) Toluene-d8	8.647	98	239624	52.644	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.280%			
62) 4-Bromofluorobenzene	11.079	95	97929	53.424	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	58924	52.161	ug/l	100
3) Chloromethane	1.300	50	55930	48.495	ug/l	98
4) Vinyl Chloride	1.374	62	60241	51.421	ug/l	98
5) Bromomethane	1.599	94	34979	51.899	ug/l	97
6) Chloroethane	1.685	64	39118	52.152	ug/l	99
7) Trichlorofluoromethane	1.886	101	105825	50.891	ug/l	99
8) Diethyl Ether	2.136	74	36918	52.878	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	62710	53.429	ug/l	100
10) Methyl Iodide	2.453	142	73931	52.997	ug/l	99
11) Tert butyl alcohol	2.959	59	100984	257.049	ug/l	99
12) 1,1-Dichloroethene	2.319	96	59946	53.396	ug/l	95
13) Acrolein	2.239	56	9308	179.837	ug/l	96
14) Allyl chloride	2.666	41	104994	50.366	ug/l	99
15) Acrylonitrile	3.062	53	179919	264.017	ug/l	100
16) Acetone	2.380	43	162606	197.609	ug/l	100
17) Carbon Disulfide	2.514	76	136275	48.834	ug/l	98
18) Methyl Acetate	2.703	43	127845	57.724	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	228632	53.447	ug/l	98
20) Methylene Chloride	2.788	84	66006	50.419	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	59741	51.428	ug/l	95
22) Diisopropyl ether	3.763	45	206589	52.926	ug/l	98
23) Vinyl Acetate	3.721	43	1213466	264.271	ug/l	100
24) 1,1-Dichloroethane	3.611	63	119392	52.902	ug/l	98
25) 2-Butanone	4.556	43	260869	245.934	ug/l	99
26) 2,2-Dichloropropane	4.471	77	108496	47.499	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	75567	52.254	ug/l	100
28) Bromochloromethane	4.897	49	53705	54.060	ug/l	99
29) Tetrahydrofuran	5.001	42	163631	256.508	ug/l	99
30) Chloroform	5.092	83	130406	52.406	ug/l	100
31) Cyclohexane	5.470	56	88717	51.270	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	120209	50.998	ug/l	99
36) 1,1-Dichloropropene	5.690	75	82954	50.179	ug/l	99
37) Ethyl Acetate	4.714	43	99314	47.827	ug/l	100
38) Carbon Tetrachloride	5.678	117	102373	48.072	ug/l	95
39) Methylcyclohexane	7.379	83	99564	47.989	ug/l	97
40) Benzene	6.037	78	246428	50.517	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043134.D
 Acq On : 24 Sep 2024 19:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2024
 Supervised By : Mahesh Dadoda 09/25/2024

Quant Time: Sep 25 01:36:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55595	53.854	ug/l	99
42) 1,2-Dichloroethane	6.086	62	104949	50.668	ug/l	99
43) Isopropyl Acetate	6.336	43	174707	50.372	ug/l	100
44) Trichloroethene	7.123	130	68210	51.105	ug/l	99
45) 1,2-Dichloropropane	7.427	63	62100	51.109	ug/l	99
46) Dibromomethane	7.580	93	51488	50.324	ug/l	98
47) Bromodichloromethane	7.818	83	108841	51.159	ug/l	99
48) Methyl methacrylate	7.690	41	84832	49.797	ug/l	98
49) 1,4-Dioxane	7.659	88	32705	1016.956	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	531525	249.458	ug/l	99
52) Toluene	8.720	92	159148	50.659	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	108873	49.851	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	108185	49.602	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	65735	50.821	ug/l	98
56) Ethyl methacrylate	9.116	69	115248	51.203	ug/l	99
57) 1,3-Dichloropropane	9.305	76	110324	50.147	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	252654	277.616	ug/l	100
59) 2-Hexanone	9.427	43	411804	247.172	ug/l	99
60) Dibromochloromethane	9.518	129	83825	49.625	ug/l	100
61) 1,2-Dibromoethane	9.610	107	71155	50.276	ug/l	100
64) Tetrachloroethene	9.275	164	58913	46.938	ug/l	98
65) Chlorobenzene	10.079	112	181031	48.443	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	67753	49.154	ug/l	99
67) Ethyl Benzene	10.195	91	317776	49.159	ug/l	98
68) m/p-Xylenes	10.299	106	238089	98.971	ug/l	100
69) o-Xylene	10.640	106	118662	49.179	ug/l	98
70) Styrene	10.652	104	203268	50.504	ug/l	99
71) Bromoform	10.799	173	59386	48.985	ug/l #	99
73) Isopropylbenzene	10.963	105	312063	47.871	ug/l	100
74) N-amyl acetate	10.841	43	152378	49.750	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	101219	48.254	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	89058m	48.191	ug/l	
77) Bromobenzene	11.195	156	75884	48.490	ug/l	98
78) n-propylbenzene	11.305	91	356745	48.236	ug/l	100
79) 2-Chlorotoluene	11.360	91	218502	47.103	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	259809	48.171	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	36685	47.297	ug/l	97
82) 4-Chlorotoluene	11.451	91	257132	48.496	ug/l	100
83) tert-Butylbenzene	11.713	119	263218	47.361	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	258591	48.192	ug/l	99
85) sec-Butylbenzene	11.890	105	322669	47.239	ug/l	100
86) p-Isopropyltoluene	12.006	119	271623	47.898	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140374	49.195	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	140244	49.013	ug/l	98
89) n-Butylbenzene	12.329	91	241717	48.909	ug/l	99
90) Hexachloroethane	12.536	117	54955	48.626	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	135560	48.240	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27022	47.647	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	83737	48.064	ug/l	98
94) Hexachlorobutadiene	13.725	225	30273	41.357	ug/l	100
95) Naphthalene	13.774	128	312893	51.670	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	83734	48.374	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
Data File : VX043134.D
Acq On : 24 Sep 2024 19:40
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

Quant Time: Sep 25 01:36:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

