

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
 Data File : VX043203.D
 Acq On : 30 Sep 2024 17:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 01:54:38 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	5.550	168	101357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177903	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69674	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90245	53.603	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.200%
35) Dibromofluoromethane	5.385	113	68353	54.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.940%
50) Toluene-d8	8.647	98	218966	51.571	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.140%
62) 4-Bromofluorobenzene	11.079	95	81745	47.807	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48740	45.092	ug/l	98
3) Chloromethane	1.300	50	48827	44.246	ug/l	99
4) Vinyl Chloride	1.374	62	54198	48.350	ug/l	98
5) Bromomethane	1.599	94	20887	32.389	ug/l	99
6) Chloroethane	1.666	64	28550	39.780	ug/l	100
7) Trichlorofluoromethane	1.873	101	91934	46.205	ug/l	97
8) Diethyl Ether	2.136	74	36588	54.770	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	57381	51.094	ug/l	98
10) Methyl Iodide	2.447	142	70542	52.848	ug/l	100
11) Tert butyl alcohol	2.989	59	95096	252.980	ug/l	98
12) 1,1-Dichloroethene	2.312	96	52814	49.166	ug/l	98
13) Acrolein	2.239	56	9637	194.592	ug/l	91
14) Allyl chloride	2.660	41	95109	47.682	ug/l	98
15) Acrylonitrile	3.068	53	177672	272.480	ug/l	100
16) Acetone	2.386	43	179672	228.198	ug/l	100
17) Carbon Disulfide	2.507	76	100438	37.615	ug/l	100
18) Methyl Acetate	2.709	43	146516	69.138	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	221617	54.144	ug/l	99
20) Methylene Chloride	2.788	84	62953	50.256	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	53731	48.341	ug/l	93
22) Diisopropyl ether	3.763	45	205486	55.018	ug/l	97
23) Vinyl Acetate	3.721	43	1122472	255.481	ug/l	99
24) 1,1-Dichloroethane	3.605	63	115997	53.717	ug/l	99
25) 2-Butanone	4.562	43	263407	259.528	ug/l	100
26) 2,2-Dichloropropane	4.477	77	109649	50.169	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	72536	52.421	ug/l	99
28) Bromochloromethane	4.897	49	45474	47.839	ug/l	100
29) Tetrahydrofuran	5.007	42	163523	267.902	ug/l	99
30) Chloroform	5.092	83	126024	52.930	ug/l	99
31) Cyclohexane	5.464	56	79410	47.961	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	113698	50.412	ug/l	99
36) 1,1-Dichloropropene	5.690	75	73581	47.715	ug/l	100
37) Ethyl Acetate	4.714	43	97334	50.250	ug/l	100
38) Carbon Tetrachloride	5.672	117	92979	46.806	ug/l	99
39) Methylcyclohexane	7.372	83	87383	45.152	ug/l	95
40) Benzene	6.037	78	230712	50.702	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
 Data File : VX043203.D
 Acq On : 30 Sep 2024 17:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 01 01:54:38 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	56585	58.762	ug/l	97
42) 1,2-Dichloroethane	6.086	62	101722	52.648	ug/l	99
43) Isopropyl Acetate	6.342	43	168073	51.950	ug/l	100
44) Trichloroethene	7.123	130	61396	49.313	ug/l	94
45) 1,2-Dichloropropane	7.427	63	60076	53.005	ug/l	97
46) Dibromomethane	7.580	93	48273	50.581	ug/l	99
47) Bromodichloromethane	7.818	83	100163	50.472	ug/l	96
48) Methyl methacrylate	7.689	41	82137	51.688	ug/l	97
49) 1,4-Dioxane	7.665	88	33285	1109.551	ug/l	92
51) 4-Methyl-2-Pentanone	8.573	43	520842	262.054	ug/l	100
52) Toluene	8.720	92	145689	49.716	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	98546	48.373	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	103130	50.690	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	63988	53.034	ug/l	97
56) Ethyl methacrylate	9.116	69	107883	51.384	ug/l	99
57) 1,3-Dichloropropane	9.305	76	105295	51.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	233001	274.464	ug/l	100
59) 2-Hexanone	9.433	43	397922	256.046	ug/l	99
60) Dibromochloromethane	9.518	129	76000	48.234	ug/l	100
61) 1,2-Dibromoethane	9.610	107	66037	50.021	ug/l	99
64) Tetrachloroethene	9.275	164	53752	50.015	ug/l	97
65) Chlorobenzene	10.079	112	164799	51.503	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	63615	53.899	ug/l	98
67) Ethyl Benzene	10.195	91	284119	51.331	ug/l	99
68) m/p-Xylenes	10.299	106	210221	102.056	ug/l	100
69) o-Xylene	10.640	106	105825	51.221	ug/l	99
70) Styrene	10.652	104	180165	52.278	ug/l	99
71) Bromoform	10.799	173	50979	49.109	ug/l #	99
73) Isopropylbenzene	10.963	105	279040	53.402	ug/l	100
74) N-amyl acetate	10.841	43	138036	56.224	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	96145	57.181	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83750m	56.538	ug/l	
77) Bromobenzene	11.195	156	67030	53.436	ug/l	99
78) n-propylbenzene	11.305	91	310123	52.312	ug/l	100
79) 2-Chlorotoluene	11.366	91	193793	52.118	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	227739	52.678	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32684	52.570	ug/l	99
82) 4-Chlorotoluene	11.451	91	222521	52.357	ug/l	100
83) tert-Butylbenzene	11.713	119	234087	52.547	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	231814	53.896	ug/l	98
85) sec-Butylbenzene	11.890	105	287621	52.532	ug/l	100
86) p-Isopropyltoluene	12.006	119	237680	52.288	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	119420	52.212	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	118119	51.500	ug/l	99
89) n-Butylbenzene	12.329	91	205383	51.844	ug/l	99
90) Hexachloroethane	12.536	117	46796	51.657	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	122142	54.225	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24293	53.438	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	73489	52.624	ug/l	99
94) Hexachlorobutadiene	13.725	225	29120	49.630	ug/l	99
95) Naphthalene	13.774	128	271739	55.983	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75569	54.465	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
Data File : VX043203.D
Acq On : 30 Sep 2024 17:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/01/2024
Supervised By :Mahesh Dadoda 10/01/2024

Quant Time: Oct 01 01:54:38 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

