

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040737.D
 Acq On : 21 Mar 2024 10:28
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2024
 Supervised By : Mahesh Dadoda 03/25/2024

Quant Time: Mar 22 02:01:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 01:58:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	45599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	77219	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	75706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	35062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	4346	5.668	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.340%#		
35) Dibromofluoromethane	5.391	113	2880	4.984	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.960%#		
50) Toluene-d8	8.646	98	10501	5.308	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.620%#		
62) 4-Bromofluorobenzene	11.079	95	4201	5.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.740%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	2748	4.657	ug/l	86
3) Chloromethane	1.300	50	3234	5.358	ug/l	97
4) Vinyl Chloride	1.373	62	2849	4.985	ug/l #	87
5) Bromomethane	1.605	94	1996	5.181	ug/l	82
6) Chloroethane	1.690	64	2243	5.584	ug/l	93
7) Trichlorofluoromethane	1.892	101	4923	4.923	ug/l	97
8) Diethyl Ether	2.129	74	1559	4.850	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.337	101	2965	5.156	ug/l	97
10) Methyl Iodide	2.452	142	3816	5.012	ug/l	94
11) Tert butyl alcohol	2.946	59	2886	23.506	ug/l #	91
12) 1,1-Dichloroethene	2.324	96	2664	4.946	ug/l #	94
13) Acrolein	2.239	56	1852	25.489	ug/l	99
14) Allyl chloride	2.666	41	4661	4.829	ug/l	87
15) Acrylonitrile	3.062	53	7489	24.708	ug/l	97
16) Acetone	2.379	43	6954	25.606	ug/l	92
17) Carbon Disulfide	2.513	76	7378	4.769	ug/l #	92
18) Methyl Acetate	2.702	43	3558	4.888	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	9346	5.028	ug/l	98
20) Methylene Chloride	2.788	84	3078	5.185	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	2919	5.134	ug/l	97
22) Diisopropyl ether	3.757	45	9278	4.926	ug/l #	85
23) Vinyl Acetate	3.721	43	43707	24.548	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	5520	5.102	ug/l	96
25) 2-Butanone	4.556	43	10903	25.632	ug/l #	90
26) 2,2-Dichloropropane	4.489	77	4274	4.528	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	3365	5.109	ug/l	100
28) Bromochloromethane	4.885	49	2729	5.515	ug/l #	98
29) Tetrahydrofuran	5.013	42	6448	22.789	ug/l	98
30) Chloroform	5.086	83	5661	4.888	ug/l	100
31) Cyclohexane	5.464	56	4325	4.748	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	4625	4.646	ug/l	97
36) 1,1-Dichloropropene	5.690	75	3853	4.529	ug/l	97
37) Ethyl Acetate	4.714	43	4278	4.428	ug/l	98
38) Carbon Tetrachloride	5.671	117	4307	4.498	ug/l	92
39) Methylcyclohexane	7.378	83	4219	4.476	ug/l	92
40) Benzene	6.037	78	10930	4.653	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040737.D
 Acq On : 21 Mar 2024 10:28
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2024
 Supervised By : Mahesh Dadoda 03/25/2024

Quant Time: Mar 22 02:01:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 01:58:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	2305	4.654	ug/l	95
42) 1,2-Dichloroethane	6.086	62	4348	4.574	ug/l	97
43) Isopropyl Acetate	6.342	43	6493	4.280	ug/l	96
44) Trichloroethene	7.128	130	2611	4.637	ug/l	95
45) 1,2-Dichloropropane	7.427	63	2535	4.599	ug/l	99
46) Dibromomethane	7.580	93	1993	4.566	ug/l	100
47) Bromodichloromethane	7.823	83	4059	4.551	ug/l #	93
48) Methyl methacrylate	7.695	41	2870	4.139	ug/l #	83
49) 1,4-Dioxane	7.659	88	1030	88.022	ug/l #	100
51) 4-Methyl-2-Pentanone	8.567	43	21250	22.588	ug/l	96
52) Toluene	8.720	92	6101	4.355	ug/l	85
53) t-1,3-Dichloropropene	8.976	75	4012	4.348	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	4004	4.196	ug/l #	94
55) 1,1,2-Trichloroethane	9.152	97	2571	4.506	ug/l #	88
56) Ethyl methacrylate	9.116	69	4031	4.227	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	4522	4.645	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	10624	21.226	ug/l	95
59) 2-Hexanone	9.427	43	15944	21.878	ug/l	93
60) Dibromochloromethane	9.518	129	2885	4.303	ug/l	99
61) 1,2-Dibromoethane	9.610	107	2682	4.452	ug/l	99
64) Tetrachloroethene	9.274	164	2356	4.178	ug/l	93
65) Chlorobenzene	10.079	112	8167	4.756	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	2510	4.296	ug/l	95
67) Ethyl Benzene	10.195	91	13993	4.550	ug/l	98
68) m/p-Xylenes	10.299	106	10068	8.942	ug/l	89
69) o-Xylene	10.640	106	5143	4.755	ug/l	98
70) Styrene	10.658	104	8283	4.575	ug/l	100
71) Bromoform	10.799	173	2060	4.317	ug/l #	98
73) Isopropylbenzene	10.963	105	13360	5.022	ug/l	98
74) N-amyl acetate	10.841	43	6035	4.607	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	4772	5.298	ug/l	91
76) 1,2,3-Trichloropropane	11.237	75	4077m	5.388	ug/l	
77) Bromobenzene	11.201	156	3404	5.286	ug/l	93
78) n-propylbenzene	11.305	91	16670	5.082	ug/l	96
79) 2-Chlorotoluene	11.365	91	10025	5.297	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	11103	4.978	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	1236	4.146	ug/l #	89
82) 4-Chlorotoluene	11.457	91	12152	5.119	ug/l	100
83) tert-Butylbenzene	11.713	119	10768	4.814	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	10704	4.769	ug/l	98
85) sec-Butylbenzene	11.890	105	13220	4.648	ug/l	97
86) p-Isopropyltoluene	12.006	119	10496	4.450	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	6045	4.916	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	6278	4.807	ug/l	97
89) n-Butylbenzene	12.329	91	10452	4.394	ug/l	94
90) Hexachloroethane	12.536	117	1729	4.210	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	5812	4.811	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	904	4.020	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	3874	4.512	ug/l	96
94) Hexachlorobutadiene	13.725	225	1650	4.875	ug/l	95
95) Naphthalene	13.774	128	11447	4.214	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	3917	4.643	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
Data File : VX040737.D
Acq On : 21 Mar 2024 10:28
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

Quant Time: Mar 22 02:01:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 01:58:09 2024
Response via : Initial Calibration

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

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

Reviewed By :John Carlone 03/25/2024
Supervised By :Mahesh Dadoda 03/25/2024

[illegible]