

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044050.D
 Acq On : 27 Nov 2024 18:52
 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 12/02/2024
 Supervised By : Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 00:56:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	114405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	210783	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86900	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	113850	58.020	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.040%	
35) Dibromofluoromethane	5.379	113	83015	55.117	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.240%	
50) Toluene-d8	8.647	98	285159	54.924	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.840%	
62) 4-Bromofluorobenzene	11.079	95	101837	57.635	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.260%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	68883	47.528	ug/l	97
3) Chloromethane	1.294	50	69355	45.475	ug/l	97
4) Vinyl Chloride	1.374	62	75386	46.471	ug/l	97
5) Bromomethane	1.593	94	53838	53.949	ug/l	97
6) Chloroethane	1.666	64	50091	50.675	ug/l	99
7) Trichlorofluoromethane	1.867	101	168092	57.957	ug/l	96
8) Diethyl Ether	2.136	74	54295	51.363	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.318	101	72460	52.377	ug/l	96
10) Methyl Iodide	2.440	142	88734	51.356	ug/l	97
11) Tert butyl alcohol	3.001	59	75271	238.988	ug/l	99
12) 1,1-Dichloroethene	2.306	96	67448	51.164	ug/l	96
13) Acrolein	2.233	56	103594	312.051	ug/l	98
14) Allyl chloride	2.654	41	115483	53.612	ug/l	96
15) Acrylonitrile	3.068	53	199054	259.344	ug/l	100
16) Acetone	2.386	43	196081	217.568	ug/l	97
17) Carbon Disulfide	2.501	76	116647	42.897	ug/l	100
18) Methyl Acetate	2.703	43	111907	53.320	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	275923	57.645	ug/l	98
20) Methylene Chloride	2.782	84	76762	50.191	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	70349	51.687	ug/l	97
22) Diisopropyl ether	3.757	45	261692	56.815	ug/l	92
23) Vinyl Acetate	3.721	43	1111331	282.049	ug/l	100
24) 1,1-Dichloroethane	3.599	63	146909	55.287	ug/l	99
25) 2-Butanone	4.562	43	291393	250.578	ug/l	98
26) 2,2-Dichloropropane	4.464	77	124662	51.948	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	91258	54.243	ug/l	99
28) Bromochloromethane	4.891	49	65479	55.983	ug/l	98
29) Tetrahydrofuran	5.007	42	182190	255.554	ug/l	99
30) Chloroform	5.086	83	160478	56.152	ug/l	100
31) Cyclohexane	5.458	56	109869	50.238	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	140817	57.137	ug/l	99
36) 1,1-Dichloropropene	5.684	75	97913	52.169	ug/l	99
37) Ethyl Acetate	4.714	43	118751	50.971	ug/l	99
38) Carbon Tetrachloride	5.672	117	110213	52.261	ug/l	97
39) Methylcyclohexane	7.372	83	117329	48.120	ug/l	98
40) Benzene	6.031	78	304230	52.039	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	64070	53.731	ug/l	98
42) 1,2-Dichloroethane	6.080	62	128818	54.863	ug/l	100
43) Isopropyl Acetate	6.342	43	201784	54.423	ug/l	100
44) Trichloroethene	7.123	130	72586	43.859	ug/l	100
45) 1,2-Dichloropropane	7.427	63	77324	54.002	ug/l	100
46) Dibromomethane	7.580	93	60971	53.829	ug/l	98
47) Bromodichloromethane	7.818	83	114047	56.141	ug/l	97
48) Methyl methacrylate	7.696	41	96608	54.301	ug/l	97
49) 1,4-Dioxane	7.665	88	33524m	1057.830	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	610349	269.752	ug/l	98
52) Toluene	8.714	92	191620	54.762	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	115730	55.866	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	125078	55.077	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	77681	53.779	ug/l	97
56) Ethyl methacrylate	9.116	69	125428	55.750	ug/l	97
57) 1,3-Dichloropropane	9.305	76	132556	54.478	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	308767	250.399	ug/l	99
59) 2-Hexanone	9.433	43	450099	264.663	ug/l	99
60) Dibromochloromethane	9.518	129	80111	55.278	ug/l	99
61) 1,2-Dibromoethane	9.610	107	79930	54.726	ug/l	100
64) Tetrachloroethene	9.268	164	60168	50.521	ug/l	97
65) Chlorobenzene	10.079	112	207336	52.267	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	71883	55.875	ug/l	98
67) Ethyl Benzene	10.189	91	380429	56.596	ug/l	98
68) m/p-Xylenes	10.299	106	270061	107.735	ug/l	98
69) o-Xylene	10.640	106	135000	55.159	ug/l	97
70) Styrene	10.652	104	225709	55.758	ug/l	98
71) Bromoform	10.799	173	46348	47.597	ug/l #	99
73) Isopropylbenzene	10.957	105	352921	52.833	ug/l	100
74) N-amyl acetate	10.841	43	175202	56.617	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	120153	52.531	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	96247m	50.505	ug/l	
77) Bromobenzene	11.195	156	82950	52.056	ug/l	99
78) n-propylbenzene	11.305	91	402532	53.955	ug/l	98
79) 2-Chlorotoluene	11.360	91	240154	50.906	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	293032	53.321	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32767	46.919	ug/l	94
82) 4-Chlorotoluene	11.451	91	284827	53.478	ug/l	100
83) tert-Butylbenzene	11.713	119	298096	54.725	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	308926	56.462	ug/l	99
85) sec-Butylbenzene	11.890	105	361060	54.100	ug/l	100
86) p-Isopropyltoluene	12.006	119	297269	54.835	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	151572	52.226	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	149912	50.664	ug/l	96
89) n-Butylbenzene	12.329	91	261802	54.774	ug/l	99
90) Hexachloroethane	12.536	117	46298	50.224	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	153813	52.516	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22989	50.161	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	85956	49.779	ug/l	100
94) Hexachlorobutadiene	13.719	225	32815	48.084	ug/l	98
95) Naphthalene	13.774	128	363139	58.422	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	90980	52.056	ug/l	98

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX044050.D
Acq On : 27 Nov 2024 18:52
Operator : JC/MD
Sample : VSTDC0050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDC0050EC

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