

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044419.D
 Acq On : 19 Dec 2024 07:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 19 07:44:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	122991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	219241	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104245	48.341	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.680%		
35) Dibromofluoromethane	5.385	113	79392	52.285	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.580%		
50) Toluene-d8	8.647	98	254301	49.641	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.280%		
62) 4-Bromofluorobenzene	11.079	95	86833	48.509	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89297	46.955	ug/l	100
3) Chloromethane	1.294	50	94895	52.180	ug/l	99
4) Vinyl Chloride	1.374	62	96779	51.081	ug/l	98
5) Bromomethane	1.593	94	67589	50.285	ug/l	98
6) Chloroethane	1.666	64	69289	58.732	ug/l	98
7) Trichlorofluoromethane	1.867	101	148267	39.974	ug/l	95
8) Diethyl Ether	2.136	74	61722	48.751	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	64278	42.827	ug/l	98
10) Methyl Iodide	2.447	142	106921	54.052	ug/l	97
11) Tert butyl alcohol	2.983	59	80157	263.745	ug/l	97
12) 1,1-Dichloroethene	2.306	96	71141	51.604	ug/l	98
13) Acrolein	2.233	56	126270	287.020	ug/l	99
14) Allyl chloride	2.654	41	113429	49.398	ug/l	97
15) Acrylonitrile	3.068	53	226510	269.056	ug/l	100
16) Acetone	2.386	43	206787	235.213	ug/l	96
17) Carbon Disulfide	2.502	76	140202	53.502	ug/l	99
18) Methyl Acetate	2.703	43	117756	51.949	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	276100	51.323	ug/l	97
20) Methylene Chloride	2.782	84	87526	53.006	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	73529	50.186	ug/l	99
22) Diisopropyl ether	3.763	45	264037	51.065	ug/l	98
23) Vinyl Acetate	3.721	43	1167975	277.841	ug/l	98
24) 1,1-Dichloroethane	3.605	63	150830	52.331	ug/l	99
25) 2-Butanone	4.556	43	313889	251.145	ug/l	96
26) 2,2-Dichloropropane	4.471	77	63758	27.229	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	92907	49.930	ug/l	93
28) Bromochloromethane	4.897	49	71184	50.366	ug/l	100
29) Tetrahydrofuran	5.007	42	203906	254.175	ug/l	99
30) Chloroform	5.086	83	159252	49.178	ug/l	98
31) Cyclohexane	5.464	56	99678	42.827	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	130746	48.640	ug/l	98
36) 1,1-Dichloropropene	5.684	75	91756	46.748	ug/l	99
37) Ethyl Acetate	4.721	43	126767	52.248	ug/l	98
38) Carbon Tetrachloride	5.672	117	102311	48.416	ug/l	98
39) Methylcyclohexane	7.379	83	97486	41.546	ug/l	97
40) Benzene	6.031	78	313202	52.556	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	68638	53.276	ug/l	98
42) 1,2-Dichloroethane	6.086	62	126056	51.349	ug/l	97
43) Isopropyl Acetate	6.342	43	203865	53.759	ug/l	99
44) Trichloroethene	7.123	130	75596	50.868	ug/l	99
45) 1,2-Dichloropropane	7.427	63	80013	52.553	ug/l	99
46) Dibromomethane	7.580	93	62821	53.185	ug/l	93
47) Bromodichloromethane	7.824	83	111053	54.439	ug/l	99
48) Methyl methacrylate	7.690	41	93853	50.984	ug/l	95
49) 1,4-Dioxane	7.665	88	28322	927.969	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	637240	261.345	ug/l	99
52) Toluene	8.714	92	183930	49.148	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	100994	46.368	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	111565	50.228	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	79401	53.407	ug/l	99
56) Ethyl methacrylate	9.116	69	125407	53.432	ug/l	99
57) 1,3-Dichloropropane	9.305	76	135107	52.210	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	279300	235.938	ug/l	98
59) 2-Hexanone	9.433	43	464936	263.434	ug/l	98
60) Dibromochloromethane	9.519	129	79931	50.717	ug/l	99
61) 1,2-Dibromoethane	9.610	107	81759	54.026	ug/l	100
64) Tetrachloroethene	9.269	164	58220	46.221	ug/l	98
65) Chlorobenzene	10.079	112	200803	49.379	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	71094	54.398	ug/l	99
67) Ethyl Benzene	10.189	91	341788	48.644	ug/l	99
68) m/p-Xylenes	10.299	106	256314	99.414	ug/l	96
69) o-Xylene	10.640	106	128864	49.398	ug/l	96
70) Styrene	10.652	104	216799	51.842	ug/l	96
71) Bromoform	10.799	173	48213	52.457	ug/l #	99
73) Isopropylbenzene	10.963	105	314366	48.052	ug/l	99
74) N-ethyl acetate	10.841	43	166301	55.002	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	119667	52.663	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	97804m	51.257	ug/l	
77) Bromobenzene	11.195	156	81167	51.162	ug/l	97
78) n-propylbenzene	11.305	91	351524	48.614	ug/l	100
79) 2-Chlorotoluene	11.360	91	220699	47.194	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	263525	48.573	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26316	40.690	ug/l	97
82) 4-Chlorotoluene	11.451	91	251878	48.639	ug/l	99
83) tert-Butylbenzene	11.713	119	262462	48.951	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	264960	49.728	ug/l	99
85) sec-Butylbenzene	11.890	105	308602	47.411	ug/l	98
86) p-Isopropyltoluene	12.006	119	257648	47.558	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140315	50.634	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	140008	49.148	ug/l	97
89) n-Butylbenzene	12.329	91	214353	47.053	ug/l	99
90) Hexachloroethane	12.536	117	40378	51.057	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	145586	50.596	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22216	50.364	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	83037	52.638	ug/l	95
94) Hexachlorobutadiene	13.725	225	29885	47.098	ug/l	98
95) Naphthalene	13.774	128	311462	50.581	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	85722	51.233	ug/l	98

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

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