

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044312.D
 Acq On : 16 Dec 2024 10:43
 Operator : JC/MD
 Sample : VX1216WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBSD01

Quant Time: Dec 17 00:45:25 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 :Mahesh Dadoda 12/17/2024
 Supervised By :Semsettin Yesilyurt 12/17/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	133444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238576	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	201904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96145	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	114476	48.927	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.860%
35) Dibromofluoromethane	5.379	113	83106	50.295	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.600%
50) Toluene-d8	8.641	98	285565	51.226	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.460%
62) 4-Bromofluorobenzene	11.079	95	99625	51.145	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	39074	18.937	ug/l	99
3) Chloromethane	1.295	50	36683	18.591	ug/l	100
4) Vinyl Chloride	1.374	62	38502	18.730	ug/l	97
5) Bromomethane	1.593	94	26209	17.972	ug/l	99
6) Chloroethane	1.666	64	27108	21.178	ug/l	97
7) Trichlorofluoromethane	1.868	101	66160	16.440	ug/l	99
8) Diethyl Ether	2.130	74	25073	18.253	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	32857	20.177	ug/l	99
10) Methyl Iodide	2.447	142	39741	18.517	ug/l	100
11) Tert butyl alcohol	2.989	59	34419	104.380	ug/l	99
12) 1,1-Dichloroethene	2.307	96	28561	19.095	ug/l	97
13) Acrolein	2.233	56	39127	81.972	ug/l	99
14) Allyl chloride	2.654	41	47626	19.116	ug/l	98
15) Acrylonitrile	3.063	53	85125	93.194	ug/l	98
16) Acetone	2.380	43	103490	108.495	ug/l	98
17) Carbon Disulfide	2.502	76	52742	18.550	ug/l	100
18) Methyl Acetate	2.703	43	45628	18.552	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	113050	19.368	ug/l	100
20) Methylene Chloride	2.782	84	34691	19.363	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	29996	18.869	ug/l	92
22) Diisopropyl ether	3.757	45	110490	19.695	ug/l	95
23) Vinyl Acetate	3.715	43	456229	100.028	ug/l	99
24) 1,1-Dichloroethane	3.599	63	60308	19.285	ug/l	99
25) 2-Butanone	4.556	43	130559	96.279	ug/l	95
26) 2,2-Dichloropropane	4.465	77	51662	20.335	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	38489	19.064	ug/l	98
28) Bromochloromethane	4.891	49	29263	19.083	ug/l	96
29) Tetrahydrofuran	5.001	42	79354	91.169	ug/l	98
30) Chloroform	5.080	83	68352	19.454	ug/l	98
31) Cyclohexane	5.452	56	49827	19.732	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	56442	19.353	ug/l	100
36) 1,1-Dichloropropene	5.684	75	43015	20.139	ug/l	99
37) Ethyl Acetate	4.709	43	50319	19.059	ug/l	98
38) Carbon Tetrachloride	5.666	117	44548	19.373	ug/l	96
39) Methylcyclohexane	7.373	83	53395	20.911	ug/l	95
40) Benzene	6.025	78	128463	19.809	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25975	18.527	ug/l	98
42) 1,2-Dichloroethane	6.080	62	53028	19.851	ug/l	98
43) Isopropyl Acetate	6.336	43	80633	19.540	ug/l	99
44) Trichloroethene	7.117	130	31901	19.726	ug/l	95
45) 1,2-Dichloropropane	7.428	63	31768	19.174	ug/l	93
46) Dibromomethane	7.580	93	25994	20.223	ug/l	99
47) Bromodichloromethane	7.818	83	45586	20.536	ug/l	96
48) Methyl methacrylate	7.690	41	37850	18.895	ug/l	99
49) 1,4-Dioxane	7.665	88	10130	305.010	ug/l #	72
51) 4-Methyl-2-Pentanone	8.574	43	252120	95.020	ug/l	100
52) Toluene	8.714	92	79938	19.629	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	45457	20.278	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	49402	20.439	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	32571	20.132	ug/l	94
56) Ethyl methacrylate	9.116	69	50499	19.772	ug/l	99
57) 1,3-Dichloropropane	9.305	76	56800	20.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	116786	90.659	ug/l	100
59) 2-Hexanone	9.433	43	189062	98.441	ug/l	100
60) Dibromochloromethane	9.519	129	30916	19.332	ug/l	100
61) 1,2-Dibromoethane	9.604	107	33619	20.415	ug/l	98
64) Tetrachloroethene	9.269	164	26888	20.065	ug/l	93
65) Chlorobenzene	10.080	112	88849	20.537	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	28697	20.639	ug/l	97
67) Ethyl Benzene	10.189	91	154521	20.671	ug/l	100
68) m/p-Xylenes	10.299	106	115409	42.075	ug/l	97
69) o-Xylene	10.640	106	55902	20.142	ug/l	98
70) Styrene	10.653	104	91348	20.532	ug/l	99
71) Bromoform	10.799	173	17510	20.019	ug/l #	97
73) Isopropylbenzene	10.957	105	145574	19.778	ug/l	99
74) N-amyl acetate	10.842	43	64505	18.963	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	50334	19.689	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	40701m	18.960	ug/l	
77) Bromobenzene	11.195	156	34688	19.435	ug/l	97
78) n-propylbenzene	11.305	91	163329	20.077	ug/l	99
79) 2-Chlorotoluene	11.360	91	103198	19.615	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	123389	20.215	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11739	19.500	ug/l	92
82) 4-Chlorotoluene	11.451	91	117457	20.161	ug/l	99
83) tert-Butylbenzene	11.713	119	120974	20.055	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	124461	20.763	ug/l	100
85) sec-Butylbenzene	11.890	105	146915	20.062	ug/l	100
86) p-Isopropyltoluene	12.006	119	121762	19.977	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	62515	20.052	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	61687	19.248	ug/l	99
89) n-Butylbenzene	12.329	91	104514	20.392	ug/l	99
90) Hexachloroethane	12.536	117	18109	20.354	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	65141	20.123	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8607	17.343	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	35745	20.141	ug/l	98
94) Hexachlorobutadiene	13.725	225	14417	20.196	ug/l	99
95) Naphthalene	13.774	128	132216	19.085	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	37541	19.943	ug/l	99

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

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