

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112524\
 Data File : VX043981.D
 Acq On : 25 Nov 2024 13:08
 Operator : JC/MD
 Sample : VX1125WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/26/2024
 Supervised By :Semsettin Yesilyurt 11/26/2024

Quant Time: Nov 26 00:46:13 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	127862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	226013	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108855	49.636	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.280%		
35) Dibromofluoromethane	5.379	113	78663	48.708	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.420%		
50) Toluene-d8	8.647	98	271392	48.750	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.500%		
62) 4-Bromofluorobenzene	11.079	95	91513	48.302	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	29193	18.023	ug/l	92
3) Chloromethane	1.295	50	28767	16.877	ug/l	96
4) Vinyl Chloride	1.374	62	30976	17.085	ug/l	96
5) Bromomethane	1.593	94	22257	19.955	ug/l	99
6) Chloroethane	1.666	64	21448	19.415	ug/l	98
7) Trichlorofluoromethane	1.874	101	57000	17.585	ug/l	96
8) Diethyl Ether	2.130	74	21735	18.397	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	28902	18.693	ug/l	100
10) Methyl Iodide	2.441	142	35568	18.419	ug/l	97
11) Tert butyl alcohol	2.989	59	32760	93.067	ug/l #	85
12) 1,1-Dichloroethene	2.307	96	25276	17.156	ug/l	98
13) Acrolein	2.233	56	31499	84.897	ug/l	98
14) Allyl chloride	2.654	41	43192	17.941	ug/l	98
15) Acrylonitrile	3.063	53	79711	92.924	ug/l	99
16) Acetone	2.380	43	88493	87.856	ug/l	98
17) Carbon Disulfide	2.502	76	44745	14.723	ug/l	96
18) Methyl Acetate	2.703	43	43520	18.554	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	103490	19.345	ug/l	98
20) Methylene Chloride	2.782	84	30008	17.556	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	26829	17.637	ug/l	97
22) Diisopropyl ether	3.758	45	98945	19.221	ug/l	89
23) Vinyl Acetate	3.715	43	416415	94.561	ug/l	98
24) 1,1-Dichloroethane	3.599	63	56846	19.142	ug/l	95
25) 2-Butanone	4.562	43	120978	93.084	ug/l	97
26) 2,2-Dichloropropane	4.465	77	49956	18.626	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	35299	18.773	ug/l	99
28) Bromochloromethane	4.891	49	28214	21.583	ug/l	98
29) Tetrahydrofuran	5.001	42	72129	90.526	ug/l	99
30) Chloroform	5.087	83	61388	19.219	ug/l	96
31) Cyclohexane	5.458	56	43814	17.926	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	52985	19.236	ug/l	99
36) 1,1-Dichloropropene	5.684	75	37503	18.635	ug/l	99
37) Ethyl Acetate	4.709	43	45327	18.145	ug/l	99
38) Carbon Tetrachloride	5.666	117	42156	18.643	ug/l	96
39) Methylcyclohexane	7.373	83	47051	17.997	ug/l	98
40) Benzene	6.032	78	117873	18.804	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	24968	19.528	ug/l	96
42) 1,2-Dichloroethane	6.080	62	49326	19.592	ug/l	98
43) Isopropyl Acetate	6.342	43	73915	18.592	ug/l	100
44) Trichloroethene	7.117	130	28806	16.233	ug/l	95
45) 1,2-Dichloropropane	7.422	63	30086	19.596	ug/l	99
46) Dibromomethane	7.580	93	23693	19.508	ug/l	99
47) Bromodichloromethane	7.818	83	41483	19.044	ug/l	99
48) Methyl methacrylate	7.690	41	34934	18.313	ug/l	98
49) 1,4-Dioxane	7.665	88	9778	287.748	ug/l #	70
51) 4-Methyl-2-Pentanone	8.574	43	232460	95.816	ug/l	99
52) Toluene	8.714	92	72050	19.203	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	41174	18.536	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	45946	18.869	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	30064	19.411	ug/l	95
56) Ethyl methacrylate	9.116	69	45080	18.687	ug/l	96
57) 1,3-Dichloropropane	9.305	76	52064	19.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	103265	77.489	ug/l	99
59) 2-Hexanone	9.427	43	170532	93.517	ug/l	100
60) Dibromochloromethane	9.519	129	29072	18.708	ug/l	99
61) 1,2-Dibromoethane	9.610	107	31195	19.919	ug/l	100
64) Tetrachloroethene	9.269	164	24730	19.316	ug/l	97
65) Chlorobenzene	10.080	112	80404	18.855	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.159	131	26819	19.392	ug/l	97
67) Ethyl Benzene	10.189	91	139398	19.291	ug/l	99
68) m/p-Xylenes	10.299	106	101197	37.554	ug/l	99
69) o-Xylene	10.640	106	49433	18.789	ug/l	94
70) Styrene	10.653	104	83699	19.234	ug/l	98
71) Bromoform	10.799	173	16524	17.128	ug/l #	99
73) Isopropylbenzene	10.957	105	131933	19.185	ug/l	100
74) N-amyl acetate	10.842	43	57932	18.185	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	45402	19.281	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	37184m	18.953	ug/l	
77) Bromobenzene	11.195	156	31767	19.364	ug/l	98
78) n-propylbenzene	11.305	91	145197	18.904	ug/l	99
79) 2-Chlorotoluene	11.360	91	91961	18.935	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	112241	19.839	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11613	16.152	ug/l	93
82) 4-Chlorotoluene	11.451	91	104506	19.060	ug/l	98
83) tert-Butylbenzene	11.713	119	106098	18.920	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	111442	19.785	ug/l	97
85) sec-Butylbenzene	11.890	105	133175	19.383	ug/l	98
86) p-Isopropyltoluene	12.006	119	109720	19.659	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	55892	18.706	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	55495	18.218	ug/l	94
89) n-Butylbenzene	12.329	91	93525	19.007	ug/l	98
90) Hexachloroethane	12.536	117	16555	17.444	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	57006	18.906	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7924	16.794	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	31976	17.988	ug/l	97
94) Hexachlorobutadiene	13.725	225	12965	18.454	ug/l	99
95) Naphthalene	13.774	128	118179	18.468	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	33194	18.448	ug/l	97

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

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