

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112724\
 Data File : VX044041.D
 Acq On : 27 Nov 2024 15:25
 Operator : JC/MD
 Sample : VX1127WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1127WBSD01

Quant Time: Nov 28 00:49:48 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	127369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	205658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112556	51.523	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.040%			
35) Dibromofluoromethane	5.379	113	79370	46.230	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.460%			
50) Toluene-d8	8.647	98	278542	47.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.140%			
62) 4-Bromofluorobenzene	11.079	95	97608	48.462	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25936	16.074	ug/l	94
3) Chloromethane	1.294	50	25998	15.311	ug/l	98
4) Vinyl Chloride	1.374	62	29254	16.198	ug/l	98
5) Bromomethane	1.593	94	20643	18.580	ug/l	91
6) Chloroethane	1.666	64	21324	19.377	ug/l	98
7) Trichlorofluoromethane	1.873	101	54025	16.732	ug/l	100
8) Diethyl Ether	2.136	74	21026	17.866	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	27168	17.639	ug/l	97
10) Methyl Iodide	2.447	142	35852	18.638	ug/l	97
11) Tert butyl alcohol	2.989	59	28305	80.722	ug/l	95
12) 1,1-Dichloroethene	2.306	96	25114	17.112	ug/l	94
13) Acrolein	2.233	56	37101	100.382	ug/l	100
14) Allyl chloride	2.660	41	41624	17.357	ug/l	95
15) Acrylonitrile	3.062	53	75266	88.082	ug/l	97
16) Acetone	2.386	43	72376	72.133	ug/l	99
17) Carbon Disulfide	2.501	76	39751	13.130	ug/l	96
18) Methyl Acetate	2.703	43	46536	19.916	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	105439	19.786	ug/l	97
20) Methylene Chloride	2.782	84	30367	17.835	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	26548	17.520	ug/l	98
22) Diisopropyl ether	3.757	45	99922	19.486	ug/l	88
23) Vinyl Acetate	3.721	43	393058	89.602	ug/l	100
24) 1,1-Dichloroethane	3.605	63	54878	18.551	ug/l	99
25) 2-Butanone	4.562	43	112991	87.275	ug/l	99
26) 2,2-Dichloropropane	4.471	77	46487	17.400	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	34387	18.359	ug/l	99
28) Bromochloromethane	4.897	49	22637	17.384	ug/l	98
29) Tetrahydrofuran	5.007	42	72798	91.719	ug/l	99
30) Chloroform	5.086	83	60194	18.919	ug/l	94
31) Cyclohexane	5.458	56	42196	17.330	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	52147	19.005	ug/l	100
36) 1,1-Dichloropropene	5.684	75	37013	17.301	ug/l	98
37) Ethyl Acetate	4.714	43	45715	17.214	ug/l	98
38) Carbon Tetrachloride	5.672	117	39329	16.361	ug/l	99
39) Methylcyclohexane	7.379	83	43900	15.795	ug/l	96
40) Benzene	6.031	78	115821	17.380	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	24112	17.740	ug/l	96
42) 1,2-Dichloroethane	6.086	62	49932	18.656	ug/l	98
43) Isopropyl Acetate	6.342	43	75731	17.919	ug/l	99
44) Trichloroethene	7.123	130	28142	14.918	ug/l	98
45) 1,2-Dichloropropane	7.427	63	29734	18.217	ug/l	100
46) Dibromomethane	7.580	93	23350	18.085	ug/l	96
47) Bromodichloromethane	7.818	83	40574	17.522	ug/l	99
48) Methyl methacrylate	7.689	41	34514	17.019	ug/l	99
49) 1,4-Dioxane	7.671	88	10711	296.503	ug/l	90
51) 4-Methyl-2-Pentanone	8.573	43	235366	91.258	ug/l	97
52) Toluene	8.714	92	73481	18.423	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	40540	17.168	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	44564	17.215	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	29202	17.736	ug/l	97
56) Ethyl methacrylate	9.116	69	45568	17.768	ug/l	97
57) 1,3-Dichloropropane	9.305	76	50028	18.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	109304	77.153	ug/l	99
59) 2-Hexanone	9.433	43	171810	88.628	ug/l	99
60) Dibromochloromethane	9.518	129	26298	15.919	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29718	17.850	ug/l	99
64) Tetrachloroethene	9.268	164	25504	18.807	ug/l	96
65) Chlorobenzene	10.079	112	78428	17.363	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	25798	17.611	ug/l	99
67) Ethyl Benzene	10.189	91	141788	18.525	ug/l	98
68) m/p-Xylenes	10.299	106	102916	36.057	ug/l	99
69) o-Xylene	10.640	106	52325	18.776	ug/l	99
70) Styrene	10.652	104	82874	17.980	ug/l	97
71) Bromoform	10.799	173	14739	14.652	ug/l #	97
73) Isopropylbenzene	10.957	105	133242	18.824	ug/l	98
74) N-amyl acetate	10.841	43	61904	18.878	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	44209	18.240	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	37068m	18.356	ug/l	
77) Bromobenzene	11.195	156	30733	18.201	ug/l	100
78) n-propylbenzene	11.305	91	149228	18.876	ug/l	99
79) 2-Chlorotoluene	11.360	91	92211	18.446	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	111198	19.095	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10482	14.164	ug/l #	85
82) 4-Chlorotoluene	11.451	91	106504	18.871	ug/l	98
83) tert-Butylbenzene	11.713	119	106852	18.512	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	111698	19.265	ug/l	97
85) sec-Butylbenzene	11.890	105	130741	18.487	ug/l	99
86) p-Isopropyltoluene	12.006	119	108910	18.959	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	54803	17.820	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	55390	17.666	ug/l	96
89) n-Butylbenzene	12.329	91	93726	18.505	ug/l	99
90) Hexachloroethane	12.536	117	14292	14.631	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	56686	18.264	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8198	16.880	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	30806	16.836	ug/l	98
94) Hexachlorobutadiene	13.725	225	12322	17.039	ug/l	98
95) Naphthalene	13.774	128	211326	32.084	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	31338	16.921	ug/l	91

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

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