

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042966.D
 Acq On : 09 Aug 2024 02:57
 Operator : JC/MD
 Sample : VX0808WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD02

Quant Time: Aug 09 05:49:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/09/2024
 Supervised By : Mahesh Dadoda 08/09/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	235995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	400790	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	353107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	179163	55.302	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.600%			
35) Dibromofluoromethane	5.385	113	141448	53.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.960%			
50) Toluene-d8	8.647	98	495593	53.272	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.540%			
62) 4-Bromofluorobenzene	11.079	95	173686	51.955	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51420	20.214	ug/l	98
3) Chloromethane	1.300	50	56040	20.219	ug/l	98
4) Vinyl Chloride	1.374	62	54024	20.544	ug/l	98
5) Bromomethane	1.599	94	33782	21.226	ug/l	99
6) Chloroethane	1.666	64	29308	19.563	ug/l	96
7) Trichlorofluoromethane	1.874	101	85539	20.916	ug/l	97
8) Diethyl Ether	2.136	74	31017	20.620	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	51110	19.878	ug/l	95
10) Methyl Iodide	2.447	142	60751	22.850	ug/l	95
11) Tert butyl alcohol	2.995	59	68385	106.121	ug/l #	95
12) 1,1-Dichloroethene	2.312	96	51319	19.729	ug/l	88
13) Acrolein	2.239	56	61011	96.052	ug/l	97
14) Allyl chloride	2.660	41	83121	21.148	ug/l	95
15) Acrylonitrile	3.068	53	164296	99.892	ug/l	98
16) Acetone	2.392	43	135640	96.527	ug/l	94
17) Carbon Disulfide	2.501	76	114265	18.052	ug/l	99
18) Methyl Acetate	2.709	43	87807	19.705	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	179992	20.558	ug/l	100
20) Methylene Chloride	2.788	84	60295	20.059	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	51740	19.771	ug/l	96
22) Diisopropyl ether	3.763	45	182969	21.191	ug/l	92
23) Vinyl Acetate	3.721	43	1037794	105.901	ug/l	100
24) 1,1-Dichloroethane	3.605	63	102016	20.544	ug/l	98
25) 2-Butanone	4.568	43	222577	100.861	ug/l	99
26) 2,2-Dichloropropane	4.471	77	52594	17.228	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	64139	20.666	ug/l	91
28) Bromochloromethane	4.897	49	39248	20.598	ug/l	90
29) Tetrahydrofuran	5.013	42	143870	96.480	ug/l	95
30) Chloroform	5.092	83	108192	20.812	ug/l	100
31) Cyclohexane	5.470	56	81590	20.127	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	91765	20.052	ug/l	97
36) 1,1-Dichloropropene	5.696	75	65498	18.435	ug/l	97
37) Ethyl Acetate	4.727	43	88133	19.826	ug/l	99
38) Carbon Tetrachloride	5.672	117	76780	19.144	ug/l	96
39) Methylcyclohexane	7.379	83	84508	20.008	ug/l	94
40) Benzene	6.037	78	224692	20.377	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42986	18.774	ug/l #	89
42) 1,2-Dichloroethane	6.086	62	81974	20.438	ug/l	98
43) Isopropyl Acetate	6.342	43	131970	20.074	ug/l	97
44) Trichloroethene	7.123	130	53939	19.467	ug/l	89
45) 1,2-Dichloropropane	7.434	63	56035	20.032	ug/l	97
46) Dibromomethane	7.580	93	40984	19.949	ug/l	93
47) Bromodichloromethane	7.824	83	76389	20.016	ug/l	96
48) Methyl methacrylate	7.696	41	63549	20.159	ug/l	91
49) 1,4-Dioxane	7.665	88	29576m	422.639	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	444593	100.959	ug/l	99
52) Toluene	8.720	92	136253	20.371	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	68138	19.314	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	76795	19.710	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	55345	20.354	ug/l	96
56) Ethyl methacrylate	9.116	69	86580	19.787	ug/l	94
57) 1,3-Dichloropropane	9.311	76	90753	20.374	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	188421	91.366	ug/l	98
59) 2-Hexanone	9.433	43	339726	99.559	ug/l	97
60) Dibromochloromethane	9.518	129	56816	19.021	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57654	20.068	ug/l	99
64) Tetrachloroethene	9.275	164	49587	20.197	ug/l	97
65) Chlorobenzene	10.079	112	147902	19.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	51294	19.853	ug/l	99
67) Ethyl Benzene	10.195	91	254027	20.154	ug/l	100
68) m/p-Xylenes	10.299	106	193662	40.248	ug/l	99
69) o-Xylene	10.640	106	95456	19.804	ug/l	99
70) Styrene	10.659	104	157025	20.259	ug/l	97
71) Bromoform	10.799	173	40146	19.307	ug/l #	100
73) Isopropylbenzene	10.963	105	245086	20.029	ug/l	98
74) N-amyl acetate	10.841	43	110904	20.143	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	87102	19.431	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	70721m	18.580	ug/l	
77) Bromobenzene	11.195	156	61963	19.906	ug/l	90
78) n-propylbenzene	11.305	91	273382	20.113	ug/l	100
79) 2-Chlorotoluene	11.366	91	172886	19.845	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	205804	20.312	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	20547	17.552	ug/l	96
82) 4-Chlorotoluene	11.457	91	193860	19.797	ug/l	97
83) tert-Butylbenzene	11.713	119	203493	19.543	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	207881	20.380	ug/l	98
85) sec-Butylbenzene	11.890	105	248551	20.272	ug/l	99
86) p-Isopropyltoluene	12.006	119	204092	20.035	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	109691	19.472	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	109196	18.911	ug/l	98
89) n-Butylbenzene	12.335	91	168200	19.140	ug/l	96
90) Hexachloroethane	12.536	117	34962	18.763	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	111777	19.815	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17951	18.225	ug/l	83
93) 1,2,4-Trichlorobenzene	13.585	180	63231	18.376	ug/l	95
94) Hexachlorobutadiene	13.725	225	27520	18.858	ug/l	97
95) Naphthalene	13.774	128	229582	19.281	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	67100	19.373	ug/l	99

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

