

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039158.D
 Acq On : 12 Dec 2023 12:17
 Operator : JC/MD
 Sample : VX1212WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1212WBS01

Quant Time: Dec 13 04:13:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	131503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	239153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	218022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	116461	54.961	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.920%			
35) Dibromofluoromethane	5.379	113	85202	49.329	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.660%			
50) Toluene-d8	8.646	98	309895	46.894	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.780%			
62) 4-Bromofluorobenzene	11.079	95	127915	48.354	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	36033	23.483	ug/l	95
3) Chloromethane	1.294	50	38185	19.067	ug/l	98
4) Vinyl Chloride	1.373	62	36759	19.055	ug/l	99
5) Bromomethane	1.611	94	24501	30.718	ug/l	97
6) Chloroethane	1.690	64	21120	19.184	ug/l	99
7) Trichlorofluoromethane	1.891	101	54872	22.415	ug/l	96
8) Diethyl Ether	2.129	74	18596	17.441	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.330	101	33751	20.790	ug/l	98
10) Methyl Iodide	2.452	142	34609	17.515	ug/l	93
11) Tert butyl alcohol	2.940	59	51613	87.576	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	33009	20.139	ug/l	98
13) Acrolein	2.233	56	38823	124.511	ug/l	100
14) Allyl chloride	2.666	41	65383	19.924	ug/l	97
15) Acrylonitrile	3.056	53	116058	93.197	ug/l	98
16) Acetone	2.373	43	125494	111.253	ug/l	96
17) Carbon Disulfide	2.513	76	94972	18.706	ug/l	100
18) Methyl Acetate	2.696	43	102275	19.089	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	119751	20.773	ug/l	99
20) Methylene Chloride	2.788	84	38920	19.140	ug/l	99
21) trans-1,2-Dichloroethene	3.092	96	36096	19.959	ug/l	98
22) Diisopropyl ether	3.757	45	124050	20.606	ug/l	90
23) Vinyl Acetate	3.714	43	462055	106.570	ug/l	99
24) 1,1-Dichloroethane	3.611	63	69275	20.578	ug/l	99
25) 2-Butanone	4.543	43	175607	96.001	ug/l	95
26) 2,2-Dichloropropane	4.470	77	60420	20.691	ug/l	99
27) cis-1,2-Dichloroethene	4.482	96	40943	19.422	ug/l	97
28) Bromochloromethane	4.891	49	33559	20.763	ug/l	95
29) Tetrahydrofuran	4.995	42	108867	93.734	ug/l	100
30) Chloroform	5.092	83	69980	21.288	ug/l	94
31) Cyclohexane	5.470	56	63074	20.848	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	59452	20.880	ug/l	97
36) 1,1-Dichloropropene	5.690	75	52787	21.324	ug/l	99
37) Ethyl Acetate	4.708	43	60250	18.681	ug/l	98
38) Carbon Tetrachloride	5.671	117	49429	21.604	ug/l	96
39) Methylcyclohexane	7.378	83	64373	19.936	ug/l	96
40) Benzene	6.037	78	148731	20.313	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	33246	19.875	ug/l	94
42) 1,2-Dichloroethane	6.086	62	58877	24.271	ug/l	100
43) Isopropyl Acetate	6.330	43	102459	19.878	ug/l	99
44) Trichloroethene	7.122	130	36635	20.556	ug/l	89
45) 1,2-Dichloropropane	7.427	63	40339	20.473	ug/l	100
46) Dibromomethane	7.580	93	27801	21.158	ug/l	93
47) Bromodichloromethane	7.817	83	54952	21.071	ug/l #	99
48) Methyl methacrylate	7.689	41	60087	24.027	ug/l	96
49) 1,4-Dioxane	7.653	88	14502	299.740	ug/l #	99
51) 4-Methyl-2-Pentanone	8.567	43	330043	100.198	ug/l	99
52) Toluene	8.713	92	90534	19.926	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	60145	19.407	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	64175	20.047	ug/l	95
55) 1,1,2-Trichloroethane	9.146	97	36903	19.465	ug/l	93
56) Ethyl methacrylate	9.116	69	47555	14.825	ug/l	97
57) 1,3-Dichloropropane	9.305	76	65145	20.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	122222	81.794	ug/l	94
59) 2-Hexanone	9.427	43	265152	100.430	ug/l	100
60) Dibromochloromethane	9.518	129	38235	19.835	ug/l	100
61) 1,2-Dibromoethane	9.610	107	40326	20.271	ug/l	99
64) Tetrachloroethene	9.274	164	28666	21.153	ug/l	95
65) Chlorobenzene	10.079	112	94971	20.222	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	34091	20.180	ug/l	98
67) Ethyl Benzene	10.195	91	181679	21.055	ug/l	100
68) m/p-Xylenes	10.299	106	130899	40.104	ug/l	95
69) o-Xylene	10.640	106	63485	19.657	ug/l	93
70) Styrene	10.652	104	92647	16.986	ug/l	96
71) Bromoform	10.798	173	24840	17.638	ug/l #	98
73) Isopropylbenzene	10.963	105	172930	20.784	ug/l	99
74) N-amyl acetate	10.841	43	84203	19.144	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.207	83	63063	19.416	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	55068m	20.668	ug/l	
77) Bromobenzene	11.195	156	36728	19.645	ug/l	88
78) n-propylbenzene	11.304	91	210905	20.593	ug/l	97
79) 2-Chlorotoluene	11.359	91	125357	20.625	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	146674	20.965	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	19027	15.840	ug/l	95
82) 4-Chlorotoluene	11.451	91	147382	21.030	ug/l	97
83) tert-Butylbenzene	11.713	119	140457	20.385	ug/l	96
84) 1,2,4-Trimethylbenzene	11.749	105	150199	21.211	ug/l	96
85) sec-Butylbenzene	11.890	105	176610	19.596	ug/l	98
86) p-Isopropyltoluene	12.006	119	148869	20.577	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	71690	19.582	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	73182	19.530	ug/l	97
89) n-Butylbenzene	12.335	91	149951	20.543	ug/l	96
90) Hexachloroethane	12.536	117	27137	18.783	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	69715	20.077	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	15369	19.313	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	46608	20.030	ug/l	96
94) Hexachlorobutadiene	13.725	225	17600	21.358	ug/l	97
95) Naphthalene	13.774	128	161590	18.646	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	43738	19.828	ug/l	96

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

