

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039591.D
 Acq On : 03 Jan 2024 10:57
 Operator : JC/MD
 Sample : VX0103WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2024
 Supervised By : Mahesh Dadoda 01/04/2024

Quant Time: Jan 04 03:27:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	105451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	191641	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91201	47.211	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.420%		
35) Dibromofluoromethane	5.385	113	67355	50.874	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.740%		
50) Toluene-d8	8.647	98	249135	50.687	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.380%		
62) 4-Bromofluorobenzene	11.079	95	92688	45.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27234	18.379	ug/l	98
3) Chloromethane	1.294	50	31292	19.049	ug/l	99
4) Vinyl Chloride	1.374	62	30273	19.815	ug/l	100
5) Bromomethane	1.599	94	15087	17.165	ug/l	100
6) Chloroethane	1.666	64	13121	14.251	ug/l	98
7) Trichlorofluoromethane	1.874	101	42935	19.192	ug/l	97
8) Diethyl Ether	2.136	74	16766	21.654	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	26462	19.384	ug/l	97
10) Methyl Iodide	2.447	142	25768	18.261	ug/l	92
11) Tert butyl alcohol	3.008	59	47506	97.930	ug/l #	93
12) 1,1-Dichloroethene	2.313	96	25132	18.533	ug/l	98
13) Acrolein	2.239	56	33274	85.980	ug/l	99
14) Allyl chloride	2.660	41	51064	18.589	ug/l	95
15) Acrylonitrile	3.062	53	100240	103.234	ug/l	98
16) Acetone	2.380	43	101948	74.254	ug/l	91
17) Carbon Disulfide	2.508	76	59998	15.119	ug/l	99
18) Methyl Acetate	2.703	43	92407	22.116	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	96989	19.776	ug/l	96
20) Methylene Chloride	2.788	84	30805	19.129	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	27461	18.610	ug/l	95
22) Diisopropyl ether	3.763	45	102541	20.506	ug/l #	85
23) Vinyl Acetate	3.721	43	361881	97.208	ug/l	98
24) 1,1-Dichloroethane	3.605	63	54377	19.237	ug/l	100
25) 2-Butanone	4.556	43	149548	89.712	ug/l	98
26) 2,2-Dichloropropane	4.471	77	42921	17.392	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	31861	19.563	ug/l	99
28) Bromochloromethane	4.891	49	28127	20.393	ug/l	93
29) Tetrahydrofuran	5.007	42	96551	104.880	ug/l	99
30) Chloroform	5.093	83	54934	19.447	ug/l	99
31) Cyclohexane	5.464	56	47916	19.204	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	45380	18.505	ug/l	99
36) 1,1-Dichloropropene	5.690	75	38120	18.246	ug/l	99
37) Ethyl Acetate	4.715	43	52663	20.403	ug/l	99
38) Carbon Tetrachloride	5.678	117	34494	17.301	ug/l	97
39) Methylcyclohexane	7.379	83	46453	18.510	ug/l	98
40) Benzene	6.037	78	116699	19.746	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	28664	20.814	ug/l	97
42) 1,2-Dichloroethane	6.086	62	45596	19.060	ug/l	100
43) Isopropyl Acetate	6.336	43	80307	19.133	ug/l	99
44) Trichloroethene	7.123	130	26989	18.097	ug/l	86
45) 1,2-Dichloropropane	7.427	63	32100	20.238	ug/l	97
46) Dibromomethane	7.586	93	21355	19.153	ug/l	94
47) Bromodichloromethane	7.818	83	39742	18.642	ug/l #	99
48) Methyl methacrylate	7.690	41	48135	19.616	ug/l	97
49) 1,4-Dioxane	7.665	88	16678	504.227	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	286478	107.122	ug/l	98
52) Toluene	8.714	92	69485	19.480	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	40241	17.145	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	46307	18.337	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	29767	19.989	ug/l	90
56) Ethyl methacrylate	9.116	69	36689	20.182	ug/l	96
57) 1,3-Dichloropropane	9.305	76	51718	20.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	115586	108.281	ug/l	92
59) 2-Hexanone	9.433	43	229816	99.572	ug/l	100
60) Dibromochloromethane	9.519	129	26608	17.668	ug/l	99
61) 1,2-Dibromoethane	9.610	107	31117	19.574	ug/l	97
64) Tetrachloroethene	9.269	164	20930	18.608	ug/l	93
65) Chlorobenzene	10.079	112	72840	19.388	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	24798	18.686	ug/l	97
67) Ethyl Benzene	10.195	91	136250	19.482	ug/l	98
68) m/p-Xylenes	10.299	106	99551	39.702	ug/l	96
69) o-Xylene	10.640	106	50125	20.675	ug/l	96
70) Styrene	10.653	104	70207	19.808	ug/l	98
71) Bromoform	10.799	173	17262	17.499	ug/l #	99
73) Isopropylbenzene	10.963	105	132845	21.825	ug/l	99
74) N-amyl acetate	10.841	43	65913	21.403	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	52641	23.248	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	43097m	21.115	ug/l	
77) Bromobenzene	11.201	156	28699	21.322	ug/l	92
78) n-propylbenzene	11.305	91	151926	20.258	ug/l	97
79) 2-Chlorotoluene	11.366	91	93657	20.646	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	112064	21.612	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	12162	16.809	ug/l	97
82) 4-Chlorotoluene	11.451	91	106615	20.010	ug/l	97
83) tert-Butylbenzene	11.713	119	105332	21.344	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	111821	21.029	ug/l	98
85) sec-Butylbenzene	11.890	105	130896	20.845	ug/l	97
86) p-Isopropyltoluene	12.006	119	106876	20.280	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	52311	19.782	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	51518	18.711	ug/l	96
89) n-Butylbenzene	12.335	91	95272	18.390	ug/l	96
90) Hexachloroethane	12.536	117	17886	18.788	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	53332	21.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11358	19.044	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	28861	17.420	ug/l	98
94) Hexachlorobutadiene	13.725	225	12458	19.953	ug/l	99
95) Naphthalene	13.774	128	115551	20.027	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30179	18.869	ug/l	100

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

