

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010324\
 Data File : VX039592.D
 Acq On : 03 Jan 2024 11:27
 Operator : JC/MD
 Sample : VX0103WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 04 03:28:16 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	5.544	168	101778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182799	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	88103	47.253	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.500%		
35) Dibromofluoromethane	5.379	113	63849	50.559	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.120%		
50) Toluene-d8	8.647	98	235427	50.215	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.420%		
62) 4-Bromofluorobenzene	11.079	95	88698	45.852	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26245	18.351	ug/l	97
3) Chloromethane	1.294	50	30763	19.403	ug/l	98
4) Vinyl Chloride	1.374	62	29421	19.952	ug/l	99
5) Bromomethane	1.593	94	14489	17.079	ug/l	98
6) Chloroethane	1.666	64	12755	14.354	ug/l	98
7) Trichlorofluoromethane	1.874	101	41160	19.063	ug/l	97
8) Diethyl Ether	2.136	74	16802	22.484	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	25097	19.047	ug/l	96
10) Methyl Iodide	2.447	142	26317	19.323	ug/l	93
11) Tert butyl alcohol	3.007	59	49642	106.026	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	24765	18.922	ug/l	89
13) Acrolein	2.233	56	33241	88.994	ug/l	98
14) Allyl chloride	2.660	41	49872	18.810	ug/l	95
15) Acrylonitrile	3.062	53	101284	108.074	ug/l	98
16) Acetone	2.380	43	102607	78.538	ug/l	93
17) Carbon Disulfide	2.502	76	57427	14.994	ug/l	99
18) Methyl Acetate	2.703	43	92372	22.905	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	94786	20.025	ug/l	97
20) Methylene Chloride	2.788	84	30999	19.944	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	26202	18.398	ug/l	95
22) Diisopropyl ether	3.757	45	101851	21.103	ug/l	91
23) Vinyl Acetate	3.715	43	359217	99.975	ug/l	98
24) 1,1-Dichloroethane	3.605	63	52284	19.164	ug/l	99
25) 2-Butanone	4.556	43	148794	92.480	ug/l	97
26) 2,2-Dichloropropane	4.471	77	41873	17.580	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	31269	19.892	ug/l	99
28) Bromochloromethane	4.897	49	28145	21.143	ug/l	93
29) Tetrahydrofuran	5.001	42	93922	105.706	ug/l	100
30) Chloroform	5.092	83	53016	19.445	ug/l	99
31) Cyclohexane	5.464	56	45811	19.023	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	43057	18.192	ug/l	97
36) 1,1-Dichloropropene	5.684	75	38078	19.107	ug/l	99
37) Ethyl Acetate	4.708	43	52078	21.152	ug/l	98
38) Carbon Tetrachloride	5.666	117	33412	17.569	ug/l	98
39) Methylcyclohexane	7.373	83	46451	19.405	ug/l	98
40) Benzene	6.031	78	113183	20.078	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26765	20.375	ug/l	93
42) 1,2-Dichloroethane	6.080	62	45591	19.979	ug/l	100
43) Isopropyl Acetate	6.336	43	80893	20.205	ug/l	100
44) Trichloroethene	7.123	130	26463	18.603	ug/l	98
45) 1,2-Dichloropropane	7.427	63	31622	20.901	ug/l	100
46) Dibromomethane	7.580	93	21057	19.799	ug/l	97
47) Bromodichloromethane	7.818	83	38456	18.911	ug/l	99
48) Methyl methacrylate	7.690	41	48749	20.828	ug/l	97
49) 1,4-Dioxane	7.665	88	16269	515.653	ug/l #	99
51) 4-Methyl-2-Pentanone	8.574	43	283856	111.276	ug/l	99
52) Toluene	8.714	92	68785	20.216	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	40104	17.914	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	45846	19.032	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	29891	21.043	ug/l	97
56) Ethyl methacrylate	9.116	69	35625	20.545	ug/l	94
57) 1,3-Dichloropropane	9.305	76	51393	20.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	113700	111.667	ug/l	94
59) 2-Hexanone	9.433	43	230648	104.767	ug/l	98
60) Dibromochloromethane	9.519	129	26387	18.368	ug/l	100
61) 1,2-Dibromoethane	9.610	107	31333	20.663	ug/l	98
64) Tetrachloroethene	9.269	164	20978	19.525	ug/l	95
65) Chlorobenzene	10.079	112	70527	19.652	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	24381	19.233	ug/l	95
67) Ethyl Benzene	10.195	91	132402	19.820	ug/l	99
68) m/p-Xylenes	10.299	106	97644	40.767	ug/l	96
69) o-Xylene	10.640	106	47493	20.508	ug/l	94
70) Styrene	10.652	104	67878	20.049	ug/l	96
71) Bromoform	10.799	173	17543	18.618	ug/l #	99
73) Isopropylbenzene	10.963	105	129351	21.881	ug/l	99
74) N-amyl acetate	10.841	43	66567	22.255	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	51140	23.254	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43185m	21.785	ug/l	
77) Bromobenzene	11.195	156	27605	21.116	ug/l	90
78) n-propylbenzene	11.305	91	148911	20.444	ug/l	97
79) 2-Chlorotoluene	11.360	91	92691	21.039	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	109468	21.736	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	12236	17.413	ug/l	95
82) 4-Chlorotoluene	11.451	91	103779	20.055	ug/l	98
83) tert-Butylbenzene	11.713	119	102860	21.461	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	110632	21.421	ug/l	100
85) sec-Butylbenzene	11.890	105	128004	20.988	ug/l	98
86) p-Isopropyltoluene	12.006	119	105613	20.634	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51932	20.221	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	52925	19.792	ug/l	98
89) n-Butylbenzene	12.335	91	94831	18.847	ug/l	97
90) Hexachloroethane	12.536	117	17095	18.489	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	51675	21.029	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11487	19.831	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	29294	18.205	ug/l	98
94) Hexachlorobutadiene	13.725	225	12473	20.569	ug/l	99
95) Naphthalene	13.774	128	116830	20.849	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30176	19.426	ug/l	99

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

