

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012924\
 Data File : VX039998.D
 Acq On : 29 Jan 2024 15:25
 Operator : JC/MD
 Sample : VX0129WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0129WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2024
 Supervised By : Mahesh Dadoda 01/30/2024

Quant Time: Jan 30 02:45:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	73683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	53274	43.161	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.320%		
35) Dibromofluoromethane	5.385	113	40417	45.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.740%		
50) Toluene-d8	8.647	98	155375	46.753	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.500%		
62) 4-Bromofluorobenzene	11.079	95	59505	45.788	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18899	19.824	ug/l	89
3) Chloromethane	1.294	50	17717	16.273	ug/l	95
4) Vinyl Chloride	1.374	62	17748	17.273	ug/l	98
5) Bromomethane	1.605	94	11258	19.203	ug/l	98
6) Chloroethane	1.685	64	11825	20.245	ug/l	100
7) Trichlorofluoromethane	1.886	101	27064	18.259	ug/l	95
8) Diethyl Ether	2.130	74	9823	17.933	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	20243	22.029	ug/l	98
10) Methyl Iodide	2.453	142	21157	21.825	ug/l	98
11) Tert butyl alcohol	2.953	59	28583	88.961	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	18904	21.316	ug/l	95
13) Acrolein	2.233	56	28510	137.387	ug/l	99
14) Allyl chloride	2.660	41	35417	20.291	ug/l	94
15) Acrylonitrile	3.056	53	71722	108.066	ug/l	99
16) Acetone	2.373	43	72369	104.254	ug/l	99
17) Carbon Disulfide	2.508	76	50772	19.919	ug/l	99
18) Methyl Acetate	2.697	43	36495	25.130	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	69697	22.137	ug/l	96
20) Methylene Chloride	2.788	84	21921	20.877	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	22048	23.625	ug/l	95
22) Diisopropyl ether	3.757	45	69227	20.783	ug/l	91
23) Vinyl Acetate	3.715	43	315326	101.840	ug/l	99
24) 1,1-Dichloroethane	3.605	63	39177	21.379	ug/l	99
25) 2-Butanone	4.550	43	98888	99.130	ug/l	97
26) 2,2-Dichloropropane	4.477	77	30580	20.792	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	23944	22.369	ug/l	94
28) Bromochloromethane	4.891	49	15034	18.099	ug/l	96
29) Tetrahydrofuran	4.995	42	63203	98.436	ug/l	98
30) Chloroform	5.093	83	41164	22.755	ug/l	97
31) Cyclohexane	5.458	56	33180	20.369	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	34470	22.257	ug/l	97
36) 1,1-Dichloropropene	5.690	75	29977	21.856	ug/l	100
37) Ethyl Acetate	4.708	43	36378	19.881	ug/l	99
38) Carbon Tetrachloride	5.672	117	27661	22.020	ug/l	92
39) Methylcyclohexane	7.373	83	38799	23.558	ug/l	98
40) Benzene	6.031	78	83443	21.485	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18672	20.868	ug/l	91
42) 1,2-Dichloroethane	6.080	62	33731	22.845	ug/l	99
43) Isopropyl Acetate	6.330	43	53940	20.096	ug/l	99
44) Trichloroethene	7.123	130	23380	24.563	ug/l	95
45) 1,2-Dichloropropane	7.427	63	23597	22.649	ug/l	97
46) Dibromomethane	7.574	93	17744	24.658	ug/l	98
47) Bromodichloromethane	7.818	83	32447	24.346	ug/l	96
48) Methyl methacrylate	7.690	41	29019	21.995	ug/l	93
49) 1,4-Dioxane	7.653	88	10709	419.480	ug/l #	95
51) 4-Methyl-2-Pentanone	8.568	43	209683	113.427	ug/l	98
52) Toluene	8.714	92	58386	25.169	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	33967	24.018	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	36983	23.783	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	23939	24.239	ug/l	92
56) Ethyl methacrylate	9.116	69	36284	22.699	ug/l	99
57) 1,3-Dichloropropane	9.305	76	40059	23.934	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	78977	104.528	ug/l	98
59) 2-Hexanone	9.427	43	166410	113.739	ug/l	99
60) Dibromochloromethane	9.519	129	23128	24.831	ug/l	99
61) 1,2-Dibromoethane	9.604	107	24305	23.764	ug/l	100
64) Tetrachloroethene	9.269	164	18935	23.100	ug/l	96
65) Chlorobenzene	10.073	112	59366	22.612	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.159	131	20324	22.735	ug/l	97
67) Ethyl Benzene	10.189	91	110534	22.678	ug/l	97
68) m/p-Xylenes	10.299	106	82426	45.983	ug/l	96
69) o-Xylene	10.640	106	40403	22.760	ug/l	98
70) Styrene	10.652	104	67562	23.298	ug/l	99
71) Bromoform	10.799	173	15660	23.329	ug/l #	99
73) Isopropylbenzene	10.963	105	108112	20.772	ug/l	100
74) N-amyl acetate	10.841	43	49935	18.406	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	40121	20.188	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	33891m	19.997	ug/l	
77) Bromobenzene	11.195	156	24175	20.862	ug/l	98
78) n-propylbenzene	11.299	91	133985	21.270	ug/l	98
79) 2-Chlorotoluene	11.360	91	78497	20.162	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	93022	21.044	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9601	18.660	ug/l	96
82) 4-Chlorotoluene	11.451	91	94732	21.451	ug/l	100
83) tert-Butylbenzene	11.713	119	92108	21.826	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	94383	21.402	ug/l	98
85) sec-Butylbenzene	11.890	105	120692	22.031	ug/l	96
86) p-Isopropyltoluene	12.006	119	97890	22.358	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	49262	22.177	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	50609	22.059	ug/l	98
89) n-Butylbenzene	12.329	91	98326	23.251	ug/l	96
90) Hexachloroethane	12.536	117	16201	21.934	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	49798	22.676	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	10040	20.616	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	31424	23.415	ug/l	98
94) Hexachlorobutadiene	13.725	225	11893	21.318	ug/l	100
95) Naphthalene	13.774	128	109606	22.185	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	31443	23.214	ug/l	99

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

