

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039872.D
 Acq On : 22 Jan 2024 10:46
 Operator : JC/MD
 Sample : VX0122WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2024
 Supervised By : Mahesh Dadoda 01/23/2024

Quant Time: Jan 23 00:12:30 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	5.550	168	88448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	156120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74852	50.520	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.040%			
35) Dibromofluoromethane	5.379	113	56267	53.509	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.020%			
50) Toluene-d8	8.647	98	201586	50.829	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.079	95	77920	50.243	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	18928	16.540	ug/l	96
3) Chloromethane	1.295	50	20657	15.806	ug/l	95
4) Vinyl Chloride	1.374	62	20971	17.003	ug/l	96
5) Bromomethane	1.605	94	13787	19.591	ug/l	99
6) Chloroethane	1.691	64	12911	18.414	ug/l	93
7) Trichlorofluoromethane	1.892	101	33968	19.092	ug/l	100
8) Diethyl Ether	2.130	74	12587	19.143	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	20723	18.787	ug/l	96
10) Methyl Iodide	2.453	142	21381	18.374	ug/l	93
11) Tert butyl alcohol	2.947	59	33768	87.554	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	19105	17.947	ug/l	94
13) Acrolein	2.233	56	22207	83.440	ug/l	99
14) Allyl chloride	2.666	41	36041	17.202	ug/l	99
15) Acrylonitrile	3.056	53	70146	88.047	ug/l	98
16) Acetone	2.374	43	73790	88.556	ug/l	96
17) Carbon Disulfide	2.514	76	53649	17.534	ug/l	97
18) Methyl Acetate	2.697	43	32774	18.800	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	68722	18.184	ug/l	98
20) Methylene Chloride	2.788	84	22559	17.898	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	21246	18.965	ug/l	96
22) Diisopropyl ether	3.757	45	74111	18.535	ug/l	95
23) Vinyl Acetate	3.721	43	338002	90.941	ug/l	99
24) 1,1-Dichloroethane	3.611	63	40124	18.241	ug/l	99
25) 2-Butanone	4.550	43	103908	86.774	ug/l	96
26) 2,2-Dichloropropane	4.477	77	31505	17.845	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	24116	18.769	ug/l	99
28) Bromochloromethane	4.898	49	18303	18.356	ug/l	96
29) Tetrahydrofuran	4.995	42	65454	84.924	ug/l	99
30) Chloroform	5.093	83	42151	19.411	ug/l	94
31) Cyclohexane	5.465	56	34642	17.716	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	35468	19.079	ug/l	98
36) 1,1-Dichloropropene	5.690	75	31103	19.003	ug/l	99
37) Ethyl Acetate	4.709	43	38212	17.500	ug/l	98
38) Carbon Tetrachloride	5.678	117	28951	19.312	ug/l	98
39) Methylcyclohexane	7.379	83	35291	17.956	ug/l	97
40) Benzene	6.038	78	87884	18.962	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19913	18.649	ug/l	95
42) 1,2-Dichloroethane	6.080	62	34998	19.862	ug/l	99
43) Isopropyl Acetate	6.336	43	58234	18.180	ug/l	99
44) Trichloroethene	7.123	130	22359	19.685	ug/l	95
45) 1,2-Dichloropropane	7.428	63	23222	18.678	ug/l	94
46) Dibromomethane	7.580	93	16832	19.601	ug/l	98
47) Bromodichloromethane	7.818	83	31910	20.064	ug/l	99
48) Methyl methacrylate	7.690	41	28696	18.226	ug/l	94
49) 1,4-Dioxane	7.659	88	10567	346.851	ug/l #	95
51) 4-Methyl-2-Pentanone	8.568	43	204281	92.599	ug/l	98
52) Toluene	8.720	92	54701	19.760	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	32669	19.358	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	35549	19.157	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	23054	19.560	ug/l	99
56) Ethyl methacrylate	9.116	69	35700	18.715	ug/l	95
57) 1,3-Dichloropropane	9.305	76	37930	18.990	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	68872	76.384	ug/l	95
59) 2-Hexanone	9.427	43	166900	95.591	ug/l	98
60) Dibromochloromethane	9.519	129	23206	20.878	ug/l	98
61) 1,2-Dibromoethane	9.610	107	24744	20.273	ug/l	99
64) Tetrachloroethene	9.275	164	18742	20.222	ug/l	94
65) Chlorobenzene	10.080	112	58768	19.798	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	20698	20.478	ug/l	99
67) Ethyl Benzene	10.195	91	107757	19.553	ug/l	100
68) m/p-Xylenes	10.299	106	80262	39.601	ug/l	96
69) o-Xylene	10.640	106	39070	19.465	ug/l	94
70) Styrene	10.653	104	64801	19.764	ug/l	99
71) Bromoform	10.799	173	15612	20.570	ug/l #	99
73) Isopropylbenzene	10.964	105	105427	19.087	ug/l	100
74) N-amyl acetate	10.842	43	50873	17.669	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	38890	18.438	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32761m	18.214	ug/l	
77) Bromobenzene	11.195	156	23901	19.434	ug/l	99
78) n-propylbenzene	11.305	91	129362	19.350	ug/l	99
79) 2-Chlorotoluene	11.360	91	76438	18.499	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	90785	19.352	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9747	17.927	ug/l	95
82) 4-Chlorotoluene	11.451	91	90205	19.247	ug/l	100
83) tert-Butylbenzene	11.713	119	85751	19.146	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	89563	19.136	ug/l	100
85) sec-Butylbenzene	11.890	105	114135	19.631	ug/l	97
86) p-Isopropyltoluene	12.006	119	92605	19.929	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	46991	19.933	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	47408	19.471	ug/l	97
89) n-Butylbenzene	12.329	91	89966	20.046	ug/l	95
90) Hexachloroethane	12.536	117	14374	18.336	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	45828	19.663	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9750	18.864	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	27911	19.596	ug/l	99
94) Hexachlorobutadiene	13.725	225	12526	21.156	ug/l	96
95) Naphthalene	13.774	128	96142	18.336	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	28024	19.495	ug/l	100

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

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