

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032724\
 Data File : VX040805.D
 Acq On : 27 Mar 2024 12:04
 Operator : JC/MD
 Sample : VX0327WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2024
 Supervised By : Mahesh Dadoda 03/28/2024

Quant Time: Mar 28 03:51:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	46208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	78707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	68481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	35218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	41524	53.444	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.880%			
35) Dibromofluoromethane	5.385	113	28341	48.123	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.240%			
50) Toluene-d8	8.647	98	99447	49.315	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.640%			
62) 4-Bromofluorobenzene	11.079	95	36057	45.257	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	11433	19.120	ug/l	97
3) Chloromethane	1.301	50	10674	17.452	ug/l	95
4) Vinyl Chloride	1.374	62	11697	20.198	ug/l	99
5) Bromomethane	1.605	94	7495	19.198	ug/l	88
6) Chloroethane	1.691	64	6295	15.464	ug/l	99
7) Trichlorofluoromethane	1.892	101	18025	17.788	ug/l	98
8) Diethyl Ether	2.136	74	6106	18.746	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	10359	17.777	ug/l	97
10) Methyl Iodide	2.453	142	13231	17.150	ug/l	98
11) Tert butyl alcohol	2.953	59	13408	107.765	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	9481	17.371	ug/l	95
13) Acrolein	2.239	56	8461	114.913	ug/l	100
14) Allyl chloride	2.666	41	17766	18.162	ug/l	89
15) Acrylonitrile	3.062	53	31095	101.239	ug/l	99
16) Acetone	2.374	43	30961	112.502	ug/l	99
17) Carbon Disulfide	2.514	76	24612	15.699	ug/l	99
18) Methyl Acetate	2.703	43	13945	18.907	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	34936	18.546	ug/l	99
20) Methylene Chloride	2.788	84	10907	18.131	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	10241	17.774	ug/l	98
22) Diisopropyl ether	3.764	45	34627	18.141	ug/l	92
23) Vinyl Acetate	3.721	43	167114	92.623	ug/l	100
24) 1,1-Dichloroethane	3.611	63	19830	18.088	ug/l	98
25) 2-Butanone	4.556	43	44685	103.665	ug/l	95
26) 2,2-Dichloropropane	4.483	77	16649	17.405	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	12253	18.358	ug/l	99
28) Bromochloromethane	4.898	49	9347	18.641	ug/l	97
29) Tetrahydrofuran	5.001	42	29529	102.990	ug/l	99
30) Chloroform	5.093	83	22267	18.971	ug/l	98
31) Cyclohexane	5.471	56	15696	17.003	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	19674	19.501	ug/l	98
36) 1,1-Dichloropropene	5.690	75	14690	16.941	ug/l	97
37) Ethyl Acetate	4.709	43	17473	17.745	ug/l	97
38) Carbon Tetrachloride	5.672	117	16330	16.731	ug/l	96
39) Methylcyclohexane	7.379	83	16482	17.157	ug/l	96
40) Benzene	6.038	78	42402	17.708	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	9746	19.141	ug/l	96
42) 1,2-Dichloroethane	6.086	62	18379	18.968	ug/l	98
43) Isopropyl Acetate	6.336	43	29235	18.907	ug/l	97
44) Trichloroethene	7.129	130	10248	17.856	ug/l	99
45) 1,2-Dichloropropane	7.434	63	10357	18.436	ug/l	98
46) Dibromomethane	7.580	93	8866	19.927	ug/l	96
47) Bromodichloromethane	7.818	83	17170	18.886	ug/l	95
48) Methyl methacrylate	7.690	41	14207	20.103	ug/l	95
49) 1,4-Dioxane	7.659	88	5212	436.987	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	95945	100.057	ug/l	96
52) Toluene	8.720	92	26924	18.854	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	16173	17.197	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	17275	17.761	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	10115	17.393	ug/l	94
56) Ethyl methacrylate	9.116	69	16825	17.309	ug/l #	92
57) 1,3-Dichloropropane	9.305	76	17485	17.619	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	45837	89.849	ug/l	97
59) 2-Hexanone	9.427	43	70713	95.196	ug/l	96
60) Dibromochloromethane	9.519	129	11646	17.042	ug/l	98
61) 1,2-Dibromoethane	9.610	107	10860	17.684	ug/l	99
64) Tetrachloroethene	9.275	164	8632	16.922	ug/l	94
65) Chlorobenzene	10.079	112	28027	18.045	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	9659	18.275	ug/l	97
67) Ethyl Benzene	10.195	91	49921	17.947	ug/l	99
68) m/p-Xylenes	10.299	106	36530	35.869	ug/l	93
69) o-Xylene	10.640	106	17118	17.497	ug/l	97
70) Styrene	10.653	104	29635	18.094	ug/l	98
71) Bromoform	10.799	173	7714	17.869	ug/l #	99
73) Isopropylbenzene	10.963	105	46787	17.509	ug/l	100
74) N-amyl acetate	10.842	43	23434	17.811	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	16083	17.778	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	13375m	17.658	ug/l	
77) Bromobenzene	11.195	156	11375	17.586	ug/l	94
78) n-propylbenzene	11.305	91	56920	17.275	ug/l	99
79) 2-Chlorotoluene	11.366	91	33422	17.580	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	38724	17.286	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	4850	16.199	ug/l	93
82) 4-Chlorotoluene	11.451	91	40932	17.165	ug/l	99
83) tert-Butylbenzene	11.713	119	38543	17.154	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	38841	17.227	ug/l	99
85) sec-Butylbenzene	11.890	105	49854	17.449	ug/l	98
86) p-Isopropyltoluene	12.006	119	42649	18.001	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	21761	17.617	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	22738	17.334	ug/l	100
89) n-Butylbenzene	12.329	91	40686	17.029	ug/l	96
90) Hexachloroethane	12.536	117	7396	17.927	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	21410	17.643	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	4060	17.974	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	14197	16.461	ug/l	98
94) Hexachlorobutadiene	13.725	225	5676	16.696	ug/l	99
95) Naphthalene	13.774	128	48714	17.853	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	14166	16.718	ug/l	99

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

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