

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042523\
 Data File : VX035292.D
 Acq On : 25 Apr 2023 18:32
 Operator : JC/MD
 Sample : VX0425WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2023
 Supervised By : Mahesh Dadoda 04/26/2023

Quant Time: Apr 26 01:43:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	255441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	409683	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161563	52.426	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.860%			
35) Dibromofluoromethane	5.385	113	132319	52.622	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	8.647	98	498493	52.553	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.100%			
62) 4-Bromofluorobenzene	11.079	95	187162	52.451	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	55868	20.670	ug/l	97
3) Chloromethane	1.295	50	47629	19.371	ug/l	98
4) Vinyl Chloride	1.374	62	49285	19.985	ug/l	98
5) Bromomethane	1.618	94	33468	20.419	ug/l	98
6) Chloroethane	1.691	64	29654	20.560	ug/l	99
7) Trichlorofluoromethane	1.892	101	73734	19.119	ug/l	99
8) Diethyl Ether	2.130	74	26861	19.103	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	48900	18.985	ug/l	96
10) Methyl Iodide	2.453	142	62876	19.342	ug/l	97
11) Tert butyl alcohol	3.038	59	56823m	101.266	ug/l	
12) 1,1-Dichloroethene	2.325	96	47037	18.959	ug/l	97
13) Acrolein	2.240	56	47476	86.034	ug/l	99
14) Allyl chloride	2.666	41	83488	19.122	ug/l	98
15) Acrylonitrile	3.075	53	137796	98.185	ug/l	99
16) Acetone	2.404	43	118163	88.283	ug/l	100
17) Carbon Disulfide	2.514	76	112173	18.861	ug/l	98
18) Methyl Acetate	2.709	43	102061	19.719	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	169231	19.883	ug/l	99
20) Methylene Chloride	2.788	84	56636	18.454	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	52994	19.667	ug/l	96
22) Diisopropyl ether	3.758	45	173568	20.089	ug/l	94
23) Vinyl Acetate	3.721	43	599311	100.916	ug/l	100
24) 1,1-Dichloroethane	3.611	63	96900	19.911	ug/l	99
25) 2-Butanone	4.574	43	187868	96.165	ug/l	99
26) 2,2-Dichloropropane	4.477	77	69553	18.243	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	60665	19.154	ug/l	95
28) Bromochloromethane	4.898	49	45729	22.050	ug/l	85
29) Tetrahydrofuran	5.013	42	121032	96.644	ug/l	97
30) Chloroform	5.093	83	98320	20.013	ug/l	96
31) Cyclohexane	5.471	56	85823	19.632	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	85169	19.781	ug/l	98
36) 1,1-Dichloropropene	5.690	75	73198	18.643	ug/l	98
37) Ethyl Acetate	4.715	43	71522	19.945	ug/l	96
38) Carbon Tetrachloride	5.678	117	72081	19.339	ug/l	97
39) Methylcyclohexane	7.379	83	91461	19.137	ug/l	97
40) Benzene	6.038	78	219683	19.505	ug/l	98

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41) Methacrylonitrile	4.922	41	40410	19.666	ug/l	97
42) 1,2-Dichloroethane	6.086	62	78438	19.532	ug/l	97
43) Isopropyl Acetate	6.336	43	113797	18.886	ug/l	96
44) Trichloroethene	7.129	130	58820	18.957	ug/l	100
45) 1,2-Dichloropropane	7.428	63	55299	19.474	ug/l	99
46) Dibromomethane	7.580	93	37391	19.175	ug/l	94
47) Bromodichloromethane	7.824	83	69195	19.260	ug/l	99
48) Methyl methacrylate	7.696	41	57069	19.308	ug/l	92
49) 1,4-Dioxane	7.745	88	28200	391.411	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	363678	98.240	ug/l	96
52) Toluene	8.720	92	138604	19.414	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	72541	19.334	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	83432	19.673	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	54879	19.282	ug/l	100
56) Ethyl methacrylate	9.116	69	81472	19.216	ug/l	93
57) 1,3-Dichloropropane	9.305	76	94904	19.495	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	224807	106.044	ug/l	95
59) 2-Hexanone	9.433	43	269323	96.842	ug/l	95
60) Dibromochloromethane	9.525	129	52357	19.200	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57478	19.590	ug/l	100
64) Tetrachloroethene	9.275	164	53747	19.150	ug/l	98
65) Chlorobenzene	10.080	112	147936	18.654	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	53064	19.226	ug/l	99
67) Ethyl Benzene	10.195	91	262266	19.096	ug/l	99
68) m/p-Xylenes	10.299	106	205625	39.072	ug/l	99
69) o-Xylene	10.640	106	100434	19.462	ug/l	99
70) Styrene	10.653	104	165833	19.819	ug/l	97
71) Bromoform	10.799	173	34254	17.842	ug/l #	98
73) Isopropylbenzene	10.964	105	263957	20.012	ug/l	100
74) N-amyl acetate	10.842	43	98309	19.833	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	81223	19.840	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	65723m	18.260	ug/l	
77) Bromobenzene	11.195	156	64780	19.758	ug/l	92
78) n-propylbenzene	11.305	91	297420	19.634	ug/l	99
79) 2-Chlorotoluene	11.366	91	182472	19.277	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	223372	20.085	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	18434	16.588	ug/l	89
82) 4-Chlorotoluene	11.451	91	207143	19.484	ug/l	97
83) tert-Butylbenzene	11.713	119	217120	19.457	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	223613	20.011	ug/l	99
85) sec-Butylbenzene	11.890	105	267966	19.577	ug/l	100
86) p-Isopropyltoluene	12.006	119	228436	19.623	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	120216	19.294	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	121764	18.639	ug/l	99
89) n-Butylbenzene	12.329	91	186753	19.003	ug/l	99
90) Hexachloroethane	12.536	117	33307	18.690	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	119673	19.203	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15913	19.385	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	75775	19.344	ug/l	99
94) Hexachlorobutadiene	13.725	225	32149	18.700	ug/l	98
95) Naphthalene	13.774	128	248546	20.611	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	76111	19.302	ug/l	99

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

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