

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072723\
 Data File : VX036670.D
 Acq On : 27 Jul 2023 12:33
 Operator : JC/MD
 Sample : VX0727WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Quant Time: Jul 28 06:09:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Semsettin Yesilyurt 07/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	147388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	232083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110802	50.807	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.620%			
35) Dibromofluoromethane	5.385	113	91988	52.846	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.700%			
50) Toluene-d8	8.653	98	318308	51.566	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.140%			
62) 4-Bromofluorobenzene	11.079	95	124873	53.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	37499	19.259	ug/l	96
3) Chloromethane	1.307	50	34099	19.255	ug/l	100
4) Vinyl Chloride	1.374	62	35700	19.800	ug/l	100
5) Bromomethane	1.599	94	17489	16.247	ug/l	99
6) Chloroethane	1.679	64	21707	24.763	ug/l	98
7) Trichlorofluoromethane	1.886	101	59209	21.265	ug/l	99
8) Diethyl Ether	2.136	74	21623	20.073	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	35066	20.962	ug/l	99
10) Methyl Iodide	2.453	142	33742	19.420	ug/l	91
11) Tert butyl alcohol	2.965	59	61811	119.720	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	33196	20.114	ug/l	88
13) Acrolein	2.239	56	28082	95.306	ug/l	100
14) Allyl chloride	2.666	41	62690	19.290	ug/l	95
15) Acrylonitrile	3.069	53	115622	111.357	ug/l	99
16) Acetone	2.386	43	102434	113.192	ug/l	91
17) Carbon Disulfide	2.508	76	84911	18.641	ug/l	100
18) Methyl Acetate	2.709	43	82743	21.734	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	129993	20.960	ug/l	100
20) Methylene Chloride	2.788	84	39929	19.840	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	36227	19.640	ug/l	92
22) Diisopropyl ether	3.764	45	124947	20.249	ug/l	92
23) Vinyl Acetate	3.727	43	492332	104.016	ug/l	96
24) 1,1-Dichloroethane	3.611	63	70004	20.235	ug/l	98
25) 2-Butanone	4.562	43	165736	112.880	ug/l	93
26) 2,2-Dichloropropane	4.477	77	64356	19.742	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	44707	20.407	ug/l	94
28) Bromochloromethane	4.904	49	34571	20.662	ug/l	92
29) Tetrahydrofuran	5.007	42	104955	110.875	ug/l	92
30) Chloroform	5.099	83	74771	21.125	ug/l	100
31) Cyclohexane	5.471	56	59059	19.559	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	66740	20.579	ug/l	98
36) 1,1-Dichloropropene	5.696	75	51975	20.033	ug/l	98
37) Ethyl Acetate	4.721	43	63150	21.505	ug/l	97
38) Carbon Tetrachloride	5.678	117	57725	20.928	ug/l	98
39) Methylcyclohexane	7.379	83	64109	19.872	ug/l	93
40) Benzene	6.038	78	154505	20.468	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	33708	21.462	ug/l	92
42) 1,2-Dichloroethane	6.086	62	59011	21.382	ug/l	96
43) Isopropyl Acetate	6.342	43	105588	20.888	ug/l	96
44) Trichloroethene	7.129	130	40305	20.427	ug/l	96
45) 1,2-Dichloropropane	7.434	63	40849	20.269	ug/l	95
46) Dibromomethane	7.580	93	29503	20.917	ug/l	96
47) Bromodichloromethane	7.824	83	60580	20.924	ug/l	96
48) Methyl methacrylate	7.696	41	50318	21.405	ug/l	93
49) 1,4-Dioxane	7.665	88	23631	497.596	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	321262	114.845	ug/l	96
52) Toluene	8.720	92	97499	20.614	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	67031	20.484	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	70999	20.561	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	41712	20.980	ug/l	96
56) Ethyl methacrylate	9.116	69	69771	21.551	ug/l	94
57) 1,3-Dichloropropane	9.311	76	71390	21.558	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	166787	104.554	ug/l	98
59) 2-Hexanone	9.433	43	248702	119.793	ug/l	95
60) Dibromochloromethane	9.525	129	46975	21.496	ug/l	99
61) 1,2-Dibromoethane	9.610	107	45247	21.958	ug/l	100
64) Tetrachloroethene	9.275	164	35209	20.339	ug/l	96
65) Chlorobenzene	10.080	112	105017	20.528	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	41447	20.961	ug/l	98
67) Ethyl Benzene	10.195	91	192262	20.573	ug/l	99
68) m/p-Xylenes	10.299	106	145192	41.639	ug/l	100
69) o-Xylene	10.640	106	72954	20.960	ug/l	99
70) Styrene	10.659	104	121266	21.117	ug/l	98
71) Bromoform	10.799	173	34570	21.598	ug/l #	100
73) Isopropylbenzene	10.964	105	189366	20.271	ug/l	99
74) N-amyl acetate	10.842	43	89493	20.543	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	67755	21.474	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	56908m	21.434	ug/l	
77) Bromobenzene	11.195	156	44209	20.780	ug/l	96
78) n-propylbenzene	11.305	91	219592	20.325	ug/l	100
79) 2-Chlorotoluene	11.366	91	133146	20.338	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	161124	20.617	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23746	20.271	ug/l	86
82) 4-Chlorotoluene	11.457	91	152088	20.389	ug/l	99
83) tert-Butylbenzene	11.713	119	160599	20.918	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	161180	20.622	ug/l	97
85) sec-Butylbenzene	11.890	105	201101	21.003	ug/l	99
86) p-Isopropyltoluene	12.006	119	165152	20.963	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	83785	21.264	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	83546	21.365	ug/l	99
89) n-Butylbenzene	12.329	91	145035	20.565	ug/l	99
90) Hexachloroethane	12.536	117	32701	20.474	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	83473	21.953	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16545	22.565	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	50912	21.733	ug/l	97
94) Hexachlorobutadiene	13.725	225	20441	21.091	ug/l	98
95) Naphthalene	13.774	128	185079	22.671	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	49978	21.646	ug/l	98

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

