

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030235.D
 Acq On : 27 Jul 2022 16:38
 Operator : JC/MD
 Sample : VX0727WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 05:51:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	136972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	147349	53.522	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.040%			
35) Dibromofluoromethane	5.391	113	117222	52.615	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	8.653	98	440347	51.038	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.080%			
62) 4-Bromofluorobenzene	11.085	95	165575	51.709	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41144	18.306	ug/l	100
3) Chloromethane	1.288	50	44649	20.089	ug/l	98
4) Vinyl Chloride	1.374	62	44570	19.868	ug/l	98
5) Bromomethane	1.599	94	16930	17.810	ug/l	91
6) Chloroethane	1.672	64	27158	21.085	ug/l	97
7) Trichlorofluoromethane	1.880	101	63714	21.558	ug/l	97
8) Diethyl Ether	2.136	74	24821	21.447	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	44214	20.198	ug/l	98
10) Methyl Iodide	2.447	142	40647	19.997	ug/l	96
11) Tert butyl alcohol	2.977	59	87743	130.658	ug/l	98
12) 1,1-Dichloroethene	2.313	96	45171	21.111	ug/l	92
13) Acrolein	2.239	56	16596	100.547	ug/l	95
14) Allyl chloride	2.660	41	91098	20.632	ug/l	96
15) Acrylonitrile	3.068	53	181996	109.667	ug/l	97
16) Acetone	2.386	43	160978	114.210	ug/l	94
17) Carbon Disulfide	2.508	76	112244	19.433	ug/l	99
18) Methyl Acetate	2.709	43	95585	22.927	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	158315	21.600	ug/l	95
20) Methylene Chloride	2.788	84	56741	22.070	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	49963	21.155	ug/l	98
22) Diisopropyl ether	3.770	45	184498	22.085	ug/l	90
23) Vinyl Acetate	3.727	43	791607	109.235	ug/l	97
24) 1,1-Dichloroethane	3.611	63	95787	21.577	ug/l	99
25) 2-Butanone	4.562	43	267106	112.772	ug/l	93
26) 2,2-Dichloropropane	4.483	77	58712	18.290	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	59218	21.322	ug/l	93
28) Bromochloromethane	4.903	49	43200	23.035	ug/l	90
29) Tetrahydrofuran	5.019	42	178146	111.785	ug/l	94
30) Chloroform	5.099	83	95510	21.730	ug/l	99
31) Cyclohexane	5.477	56	85571	21.408	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	78388	21.941	ug/l	98
36) 1,1-Dichloropropene	5.696	75	68461	21.353	ug/l	98
37) Ethyl Acetate	4.721	43	98741	21.747	ug/l	98
38) Carbon Tetrachloride	5.678	117	64419	21.522	ug/l	94
39) Methylcyclohexane	7.385	83	82938	20.041	ug/l	95
40) Benzene	6.044	78	218624	21.672	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	54340	22.327	ug/l	95
42) 1,2-Dichloroethane	6.092	62	75528	21.668	ug/l	97
43) Isopropyl Acetate	6.348	43	143404	21.545	ug/l	98
44) Trichloroethene	7.129	130	56231	20.400	ug/l	99
45) 1,2-Dichloropropane	7.434	63	58441	21.721	ug/l	97
46) Dibromomethane	7.586	93	39047	21.341	ug/l	95
47) Bromodichloromethane	7.824	83	70365	21.155	ug/l	93
48) Methyl methacrylate	7.696	41	71232	21.743	ug/l	96
49) 1,4-Dioxane	7.665	88	34152	451.350	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	515050	113.984	ug/l	96
52) Toluene	8.720	92	133049	21.618	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	75154	20.961	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	82745	21.177	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	55821	21.302	ug/l	95
56) Ethyl methacrylate	9.122	69	90152	21.763	ug/l	95
57) 1,3-Dichloropropane	9.311	76	92343	21.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	216660	105.385	ug/l	96
59) 2-Hexanone	9.433	43	405101	113.635	ug/l	96
60) Dibromochloromethane	9.525	129	50371	20.765	ug/l	97
61) 1,2-Dibromoethane	9.610	107	58768	21.478	ug/l	95
64) Tetrachloroethene	9.275	164	55423	21.115	ug/l	95
65) Chlorobenzene	10.079	112	139813	21.110	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	48544	21.561	ug/l	99
67) Ethyl Benzene	10.195	91	253834	24.868	ug/l	97
68) m/p-Xylenes	10.305	106	194231	43.291	ug/l	95
69) o-Xylene	10.646	106	94845	21.449	ug/l	93
70) Styrene	10.659	104	160974	22.157	ug/l	97
71) Bromoform	10.805	173	35821	21.642	ug/l #	99
73) Isopropylbenzene	10.963	105	244703	20.807	ug/l	99
74) N-amyl acetate	10.848	43	125463	21.950	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	90685	21.067	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	85872m	21.625	ug/l	
77) Bromobenzene	11.201	156	56607	20.508	ug/l	92
78) n-propylbenzene	11.305	91	295949	21.084	ug/l	98
79) 2-Chlorotoluene	11.366	91	179297	20.228	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	209803	21.305	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25084	18.950	ug/l	91
82) 4-Chlorotoluene	11.457	91	202644	20.924	ug/l	98
83) tert-Butylbenzene	11.719	119	194847	21.347	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	214848	21.869	ug/l	96
85) sec-Butylbenzene	11.896	105	266837	21.359	ug/l	100
86) p-Isopropyltoluene	12.012	119	209983	21.009	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	109329	20.366	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	112410	20.570	ug/l	97
89) n-Butylbenzene	12.335	91	197051	21.176	ug/l	98
90) Hexachloroethane	12.542	117	36088	20.971	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	114608	21.751	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23329	22.597	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	62013	20.294	ug/l	98
94) Hexachlorobutadiene	13.725	225	24286	19.794	ug/l	97
95) Naphthalene	13.780	128	266752	22.349	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	65362	20.857	ug/l	98

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

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