

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030159.D
 Acq On : 21 Jul 2022 13:58
 Operator : JC/MD
 Sample : VX0721WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBSD02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

Quant Time: Jul 21 15:53:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	192662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	342558	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130317	55.571	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.140%			
35) Dibromofluoromethane	5.385	113	109113	49.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.720%			
50) Toluene-d8	8.653	98	414768	50.394	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.780%			
62) 4-Bromofluorobenzene	11.085	95	153055	53.587	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43983	19.497	ug/l	99
3) Chloromethane	1.288	50	41079	20.461	ug/l	99
4) Vinyl Chloride	1.368	62	42744	19.168	ug/l	98
5) Bromomethane	1.599	94	20255	21.383	ug/l	90
6) Chloroethane	1.678	64	24551	19.551	ug/l	94
7) Trichlorofluoromethane	1.880	101	58428	20.288	ug/l	94
8) Diethyl Ether	2.136	74	23119	19.405	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	42240	21.485	ug/l	97
10) Methyl Iodide	2.447	142	36609	20.461	ug/l	97
11) Tert butyl alcohol	2.971	59	63801	105.416	ug/l	96
12) 1,1-Dichloroethene	2.312	96	41443	21.113	ug/l	94
13) Acrolein	2.239	56	4725	39.199	ug/l #	83
14) Allyl chloride	2.660	41	81861	23.864	ug/l	97
15) Acrylonitrile	3.068	53	165166	120.077	ug/l	100
16) Acetone	2.386	43	136953	123.939	ug/l	96
17) Carbon Disulfide	2.508	76	99984	17.961	ug/l	97
18) Methyl Acetate	2.709	43	80901	24.066	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	141338	22.779	ug/l	99
20) Methylene Chloride	2.788	84	51731	22.102	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	43520	21.270	ug/l	98
22) Diisopropyl ether	3.763	45	159864	23.809	ug/l	99
23) Vinyl Acetate	3.727	43	699767	123.107	ug/l	98
24) 1,1-Dichloroethane	3.611	63	85891	23.084	ug/l	98
25) 2-Butanone	4.562	43	231724	123.107	ug/l	98
26) 2,2-Dichloropropane	4.477	77	63218	24.187	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	53250	21.253	ug/l	96
28) Bromochloromethane	4.897	49	37195	23.762	ug/l	97
29) Tetrahydrofuran	5.013	42	152764	119.588	ug/l	96
30) Chloroform	5.099	83	85231	22.986	ug/l	95
31) Cyclohexane	5.470	56	76546	22.517	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	67929	22.415	ug/l	98
36) 1,1-Dichloropropene	5.696	75	62142	21.984	ug/l	96
37) Ethyl Acetate	4.721	43	84146	23.166	ug/l	99
38) Carbon Tetrachloride	5.678	117	57338	21.752	ug/l	95
39) Methylcyclohexane	7.385	83	77288	21.568	ug/l	97
40) Benzene	6.044	78	193566	21.756	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46456	23.754	ug/l	96
42) 1,2-Dichloroethane	6.092	62	65394	23.716	ug/l	97
43) Isopropyl Acetate	6.342	43	125128	22.909	ug/l	98
44) Trichloroethene	7.129	130	52063	20.026	ug/l	97
45) 1,2-Dichloropropane	7.434	63	51966	22.471	ug/l	98
46) Dibromomethane	7.586	93	34938	21.951	ug/l	95
47) Bromodichloromethane	7.824	83	61234	21.202	ug/l	97
48) Methyl methacrylate	7.696	41	61395	24.362	ug/l	95
49) 1,4-Dioxane	7.665	88	29762	454.552	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	438768	121.398	ug/l	97
52) Toluene	8.720	92	116939	20.698	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	66992	22.331	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	74375	21.641	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	49875	21.407	ug/l	95
56) Ethyl methacrylate	9.122	69	79030	22.562	ug/l	96
57) 1,3-Dichloropropane	9.311	76	82331	22.245	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	221285	116.340	ug/l	98
59) 2-Hexanone	9.433	43	346554	125.035	ug/l	97
60) Dibromochloromethane	9.525	129	46521	20.496	ug/l	99
61) 1,2-Dibromoethane	9.610	107	52116	21.493	ug/l	98
64) Tetrachloroethene	9.275	164	50911	20.630	ug/l	99
65) Chlorobenzene	10.079	112	127815	20.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43279	20.737	ug/l	98
67) Ethyl Benzene	10.195	91	228246	21.998	ug/l	99
68) m/p-Xylenes	10.305	106	175580	43.146	ug/l	96
69) o-Xylene	10.646	106	86196	21.154	ug/l	95
70) Styrene	10.659	104	146294	21.631	ug/l	98
71) Bromoform	10.805	173	31716	18.915	ug/l #	98
73) Isopropylbenzene	10.963	105	225485	21.756	ug/l	99
74) N-amyl acetate	10.848	43	103113	22.651	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	79517	21.265	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	75638m	22.101	ug/l	
77) Bromobenzene	11.201	156	52877	20.391	ug/l	97
78) n-propylbenzene	11.305	91	269394	21.909	ug/l	99
79) 2-Chlorotoluene	11.366	91	159729	21.688	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	187144	21.429	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	24466	20.631	ug/l	93
82) 4-Chlorotoluene	11.457	91	179555	21.760	ug/l	99
83) tert-Butylbenzene	11.719	119	176428	21.066	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	191378	22.155	ug/l	98
85) sec-Butylbenzene	11.890	105	242134	21.869	ug/l	99
86) p-Isopropyltoluene	12.012	119	198740	22.374	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	99689	20.806	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	102378	20.821	ug/l	99
89) n-Butylbenzene	12.335	91	183228	23.023	ug/l	99
90) Hexachloroethane	12.542	117	32518	21.415	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	101916	20.937	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18270	21.398	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	61422	20.543	ug/l	96
94) Hexachlorobutadiene	13.725	225	24625	20.629	ug/l	99
95) Naphthalene	13.780	128	236996	19.969	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60697	19.952	ug/l	98

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

