

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
 Data File : VX030084.D
 Acq On : 15 Jul 2022 11:56
 Operator : JC/MD
 Sample : VX0715WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0715WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2022
 Supervised By : Mahesh Dadoda 07/18/2022

Quant Time: Jul 16 06:01:01 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	182397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	310360	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116384	52.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.840%			
35) Dibromofluoromethane	5.391	113	100960	50.921	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.840%			
50) Toluene-d8	8.653	98	387358	51.947	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	11.079	95	136392	52.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43933	20.626	ug/l	99
3) Chloromethane	1.288	50	39999	21.045	ug/l	95
4) Vinyl Chloride	1.374	62	43411	20.563	ug/l	99
5) Bromomethane	1.611	94	20897	23.302	ug/l	100
6) Chloroethane	1.685	64	24345	20.478	ug/l	99
7) Trichlorofluoromethane	1.886	101	58083	21.304	ug/l	96
8) Diethyl Ether	2.136	74	23577	20.903	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	40195	21.596	ug/l	99
10) Methyl Iodide	2.453	142	35883	21.099	ug/l	98
11) Tert butyl alcohol	2.983	59	52386	91.427	ug/l	96
12) 1,1-Dichloroethene	2.319	96	39251	21.121	ug/l	96
13) Acrolein	2.239	56	11553	101.237	ug/l	97
14) Allyl chloride	2.666	41	69473	21.393	ug/l	98
15) Acrylonitrile	3.068	53	142183	109.185	ug/l	99
16) Acetone	2.386	43	114067	109.038	ug/l	99
17) Carbon Disulfide	2.508	76	99385	18.877	ug/l	98
18) Methyl Acetate	2.709	43	67635	21.252	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	127572	21.718	ug/l	96
20) Methylene Chloride	2.788	84	46056	20.668	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	41628	21.491	ug/l	98
22) Diisopropyl ether	3.763	45	140529	22.107	ug/l	92
23) Vinyl Acetate	3.721	43	614247	114.144	ug/l	100
24) 1,1-Dichloroethane	3.611	63	74031	21.017	ug/l	99
25) 2-Butanone	4.562	43	194020	108.877	ug/l	100
26) 2,2-Dichloropropane	4.477	77	50410	20.372	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	50112	21.126	ug/l	98
28) Bromochloromethane	4.904	49	32497	21.929	ug/l	96
29) Tetrahydrofuran	5.013	42	130853	108.200	ug/l	99
30) Chloroform	5.099	83	75480	21.502	ug/l	100
31) Cyclohexane	5.471	56	67964	21.117	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	60428	21.062	ug/l	99
36) 1,1-Dichloropropene	5.696	75	54272	21.192	ug/l	100
37) Ethyl Acetate	4.721	43	71645	21.771	ug/l	99
38) Carbon Tetrachloride	5.678	117	51559	21.589	ug/l	99
39) Methylcyclohexane	7.379	83	71785	22.111	ug/l	98
40) Benzene	6.037	78	177464	22.016	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38738	21.862	ug/l	99
42) 1,2-Dichloroethane	6.086	62	57334	22.950	ug/l	99
43) Isopropyl Acetate	6.342	43	109623	22.153	ug/l	99
44) Trichloroethene	7.129	130	47758	20.275	ug/l	99
45) 1,2-Dichloropropane	7.434	63	45802	21.860	ug/l	98
46) Dibromomethane	7.580	93	31523	21.860	ug/l	98
47) Bromodichloromethane	7.824	83	55827	21.335	ug/l	96
48) Methyl methacrylate	7.696	41	53094	23.253	ug/l	97
49) 1,4-Dioxane	7.684	88	24767	417.506	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	371628	113.489	ug/l	100
52) Toluene	8.720	92	110455	21.579	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	59377	21.846	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	65732	21.110	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	46487	22.023	ug/l	96
56) Ethyl methacrylate	9.116	69	70983	22.367	ug/l	99
57) 1,3-Dichloropropane	9.311	76	74914	22.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	177642	103.084	ug/l	100
59) 2-Hexanone	9.433	43	289045	115.105	ug/l	97
60) Dibromochloromethane	9.525	129	42222	20.532	ug/l	98
61) 1,2-Dibromoethane	9.610	107	47375	21.565	ug/l	98
64) Tetrachloroethene	9.275	164	47879	21.489	ug/l	96
65) Chlorobenzene	10.079	112	114624	20.739	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	39998	21.228	ug/l	99
67) Ethyl Benzene	10.195	91	203857	21.763	ug/l	99
68) m/p-Xylenes	10.305	106	159679	43.462	ug/l	100
69) o-Xylene	10.640	106	77239	20.996	ug/l	96
70) Styrene	10.659	104	130945	21.446	ug/l	99
71) Bromoform	10.799	173	28778	19.010	ug/l #	97
73) Isopropylbenzene	10.963	105	201678	21.803	ug/l	100
74) N-amyl acetate	10.841	43	85906	21.145	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	69893	20.943	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	66757m	21.856	ug/l	
77) Bromobenzene	11.201	156	47687	20.605	ug/l	98
78) n-propylbenzene	11.305	91	238369	21.722	ug/l	99
79) 2-Chlorotoluene	11.366	91	139714	21.256	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	167079	21.436	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20734	19.591	ug/l	94
82) 4-Chlorotoluene	11.457	91	156313	21.226	ug/l	99
83) tert-Butylbenzene	11.713	119	156823	20.981	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	169611	22.000	ug/l	99
85) sec-Butylbenzene	11.890	105	212826	21.538	ug/l	99
86) p-Isopropyltoluene	12.012	119	173103	21.836	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	88787	20.763	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	90408	20.602	ug/l	98
89) n-Butylbenzene	12.335	91	156374	22.016	ug/l	98
90) Hexachloroethane	12.542	117	26880	19.835	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	89010	20.488	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15964	20.950	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	53544	20.066	ug/l	99
94) Hexachlorobutadiene	13.725	225	22160	20.800	ug/l	99
95) Naphthalene	13.780	128	211669	19.984	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	56097	20.661	ug/l	99

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

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