

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061621\
 Data File : VX022714.D
 Acq On : 16 Jun 2021 11:33
 Operator : JC/MD
 Sample : VX0616WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2021 11:03:46 AM

Quant Time: Jun 17 02:20:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	82652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	163548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	150889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73319	49.324	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.640%			
35) Dibromofluoromethane	5.391	113	53214	50.997	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.000%			
50) Toluene-d8	8.653	98	211809	51.492	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.980%			
62) 4-Bromofluorobenzene	11.085	95	78221	50.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	18641	19.219	ug/l	97
3) Chloromethane	1.294	50	20801	17.748	ug/l	99
4) Vinyl Chloride	1.374	62	20778	18.043	ug/l	98
5) Bromomethane	1.599	94	11871	18.950	ug/l	94
6) Chloroethane	1.685	64	13404	19.223	ug/l	97
7) Trichlorofluoromethane	1.886	101	33098	19.959	ug/l	97
8) Diethyl Ether	2.136	74	13104	19.560	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	20833	20.592	ug/l	91
10) Methyl Iodide	2.453	142	18369	16.194	ug/l	95
11) Tert butyl alcohol	2.971	59	29925	86.947	ug/l	98
12) 1,1-Dichloroethene	2.319	96	19148	19.082	ug/l	86
13) Acrolein	2.239	56	10616	73.604	ug/l	97
14) Allyl chloride	2.666	41	37812	19.491	ug/l	94
15) Acrylonitrile	3.068	53	65835	97.394	ug/l	99
16) Acetone	2.386	43	63464	95.348	ug/l	94
17) Carbon Disulfide	2.514	76	40358	17.873	ug/l	97
18) Methyl Acetate	2.709	43	37617	18.775	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	69633	19.999	ug/l	97
20) Methylene Chloride	2.794	84	25302	19.517	ug/l #	90
21) trans-1,2-Dichloroethene	3.093	96	21981	19.769	ug/l	95
22) Diisopropyl ether	3.770	45	75093	19.559	ug/l	97
23) Vinyl Acetate	3.727	43	351026	99.212	ug/l	96
24) 1,1-Dichloroethane	3.611	63	44122	19.804	ug/l	97
25) 2-Butanone	4.568	43	105668	97.887	ug/l	91
26) 2,2-Dichloropropane	4.483	77	34918	20.551	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	26465	19.535	ug/l	97
28) Bromochloromethane	4.897	49	23244	21.577	ug/l #	78
29) Tetrahydrofuran	5.013	42	59806	95.152	ug/l	89
30) Chloroform	5.105	83	43474	19.577	ug/l	94
31) Cyclohexane	5.477	56	35093	19.570	ug/l #	87
32) 1,1,1-Trichloroethane	5.391	97	35901	19.606	ug/l	95
36) 1,1-Dichloropropene	5.696	75	32155	19.732	ug/l	98
37) Ethyl Acetate	4.727	43	38438	18.559	ug/l #	94
38) Carbon Tetrachloride	5.678	117	28221	20.246	ug/l	94
39) Methylcyclohexane	7.385	83	34337	20.199	ug/l	94
40) Benzene	6.044	78	97839	20.181	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	22288	20.081	ug/l	91
42) 1,2-Dichloroethane	6.092	62	35700	20.020	ug/l	96
43) Isopropyl Acetate	6.348	43	64467	19.709	ug/l	92
44) Trichloroethene	7.129	130	22496	19.766	ug/l	88
45) 1,2-Dichloropropane	7.434	63	26677	20.394	ug/l	95
46) Dibromomethane	7.586	93	17064	20.195	ug/l #	83
47) Bromodichloromethane	7.824	83	31186	19.919	ug/l	97
48) Methyl methacrylate	7.696	41	30853	19.649	ug/l	88
49) 1,4-Dioxane	7.659	88	12099	404.840	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	209593	100.948	ug/l	91
52) Toluene	8.720	92	60378	20.010	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	36215	19.899	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	39060	19.528	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	25390	20.565	ug/l	98
56) Ethyl methacrylate	9.122	69	40073	19.415	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	44289	20.626	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	106867	96.016	ug/l	94
59) 2-Hexanone	9.433	43	161897	102.057	ug/l	89
60) Dibromochloromethane	9.525	129	20796	19.231	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25090	20.361	ug/l	98
64) Tetrachloroethene	9.275	164	19914	20.870	ug/l #	88
65) Chlorobenzene	10.086	112	63400	20.160	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	21032	19.623	ug/l	96
67) Ethyl Benzene	10.195	91	117688	20.328	ug/l	98
68) m/p-Xylenes	10.305	106	85716	40.876	ug/l	94
69) o-Xylene	10.646	106	42227	20.783	ug/l	96
70) Styrene	10.659	104	71474	19.948	ug/l	97
71) Bromoform	10.805	173	11495	18.680	ug/l #	95
73) Isopropylbenzene	10.963	105	113470	20.654	ug/l	99
74) N-amyl acetate	10.848	43	57802	19.564	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	39496	20.212	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	35690m	20.119	ug/l	
77) Bromobenzene	11.201	156	23802	20.281	ug/l	85
78) n-propylbenzene	11.305	91	134012	20.196	ug/l	97
79) 2-Chlorotoluene	11.366	91	79656	19.838	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	96892	21.173	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	10781	19.842	ug/l #	83
82) 4-Chlorotoluene	11.457	91	94626	20.593	ug/l	95
83) tert-Butylbenzene	11.719	119	88242	20.531	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	96622	20.816	ug/l	98
85) sec-Butylbenzene	11.896	105	118012	21.022	ug/l	97
86) p-Isopropyltoluene	12.012	119	98558	21.266	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	45167	20.276	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	45633	19.900	ug/l	95
89) n-Butylbenzene	12.335	91	93671	21.111	ug/l	96
90) Hexachloroethane	12.542	117	13167	19.511	ug/l	72
91) 1,2-Dichlorobenzene	12.341	146	46106	21.241	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7561	19.052	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	26076	20.025	ug/l	97
94) Hexachlorobutadiene	13.731	225	9302	19.920	ug/l	98
95) Naphthalene	13.780	128	105215	19.432	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26156	20.604	ug/l	97

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

