

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022888.D
 Acq On : 25 Jun 2021 00:01
 Operator : JC/MD
 Sample : VX0624WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:23:58 PM

Quant Time: Jun 25 05:41:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	61701	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	127847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56258	50.242	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.480%			
35) Dibromofluoromethane	5.397	113	40043	49.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.640%			
50) Toluene-d8	8.653	98	155005	48.716	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.440%			
62) 4-Bromofluorobenzene	11.085	95	56184	47.313	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	16125	18.523	ug/l	95
3) Chloromethane	1.294	50	18193	19.032	ug/l	100
4) Vinyl Chloride	1.374	62	16867	19.122	ug/l	98
5) Bromomethane	1.605	94	9987	20.552	ug/l	90
6) Chloroethane	1.685	64	10520	19.297	ug/l	96
7) Trichlorofluoromethane	1.886	101	24752	19.316	ug/l	96
8) Diethyl Ether	2.142	74	9468	19.143	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	15388	19.180	ug/l	92
10) Methyl Iodide	2.453	142	15948	19.128	ug/l	94
11) Tert butyl alcohol	2.971	59	22259	95.381	ug/l	100
12) 1,1-Dichloroethene	2.319	96	14694	18.357	ug/l	84
13) Acrolein	2.246	56	11544	79.534	ug/l	98
14) Allyl chloride	2.666	41	27421	18.031	ug/l	94
15) Acrylonitrile	3.075	53	54972	103.044	ug/l	99
16) Acetone	2.386	43	46574	93.821	ug/l #	86
17) Carbon Disulfide	2.514	76	33160	17.650	ug/l	100
18) Methyl Acetate	2.715	43	24493	20.049	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	55928	19.484	ug/l	99
20) Methylene Chloride	2.794	84	18399	18.921	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	16895	19.026	ug/l	92
22) Diisopropyl ether	3.770	45	62516	19.763	ug/l	91
23) Vinyl Acetate	3.733	43	262155	98.791	ug/l	95
24) 1,1-Dichloroethane	3.617	63	32329	19.130	ug/l	97
25) 2-Butanone	4.568	43	76026	98.485	ug/l	91
26) 2,2-Dichloropropane	4.477	77	19086	14.882	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	18713	18.987	ug/l	94
28) Bromochloromethane	4.904	49	15875	19.939	ug/l #	75
29) Tetrahydrofuran	5.019	42	50244	101.189	ug/l	87
30) Chloroform	5.105	83	32330	19.019	ug/l	98
31) Cyclohexane	5.477	56	29067	18.387	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	26189	19.175	ug/l	95
36) 1,1-Dichloropropene	5.696	75	23908	17.606	ug/l	96
37) Ethyl Acetate	4.733	43	28606	18.186	ug/l	95
38) Carbon Tetrachloride	5.684	117	20780	18.245	ug/l	99
39) Methylcyclohexane	7.385	83	27640	17.449	ug/l	96
40) Benzene	6.050	78	72583	18.536	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	16170	18.660	ug/l	92
42) 1,2-Dichloroethane	6.092	62	27080	18.797	ug/l	97
43) Isopropyl Acetate	6.348	43	46946	18.563	ug/l #	92
44) Trichloroethene	7.135	130	17067	18.379	ug/l	88
45) 1,2-Dichloropropane	7.434	63	19510	19.317	ug/l	97
46) Dibromomethane	7.592	93	12397	18.501	ug/l #	84
47) Bromodichloromethane	7.830	83	21576	17.851	ug/l	96
48) Methyl methacrylate	7.696	41	21867	18.683	ug/l	86
49) 1,4-Dioxane	7.665	88	9499	377.017	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	152222	96.714	ug/l	90
52) Toluene	8.720	92	43325	18.303	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	23246	17.035	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	26730	17.342	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	18228	19.193	ug/l	98
56) Ethyl methacrylate	9.122	69	29229	18.388	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	32468	18.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	76944	91.671	ug/l	94
59) 2-Hexanone	9.433	43	116962	97.953	ug/l	86
60) Dibromochloromethane	9.525	129	13995	17.596	ug/l	100
61) 1,2-Dibromoethane	9.610	107	18024	18.687	ug/l	98
64) Tetrachloroethene	9.275	164	14731	18.209	ug/l #	87
65) Chlorobenzene	10.086	112	45231	18.657	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	14542	18.561	ug/l	96
67) Ethyl Benzene	10.195	91	83304	18.660	ug/l	95
68) m/p-Xylenes	10.305	106	61555	37.130	ug/l	94
69) o-Xylene	10.646	106	31124	19.289	ug/l	98
70) Styrene	10.659	104	49941	18.648	ug/l	96
71) Bromoform	10.805	173	7585	16.859	ug/l #	98
73) Isopropylbenzene	10.963	105	78275	18.688	ug/l	98
74) N-amyl acetate	10.848	43	38663	17.736	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	27324	18.993	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	24891m	19.037	ug/l	
77) Bromobenzene	11.201	156	16312	18.728	ug/l	83
78) n-propylbenzene	11.305	91	94197	18.586	ug/l	95
79) 2-Chlorotoluene	11.366	91	57127	18.669	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	65914	19.165	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	6103	17.478	ug/l #	75
82) 4-Chlorotoluene	11.457	91	64710	18.299	ug/l	94
83) tert-Butylbenzene	11.719	119	60727	18.697	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	66427	19.189	ug/l	96
85) sec-Butylbenzene	11.896	105	82681	18.876	ug/l	95
86) p-Isopropyltoluene	12.012	119	63376	18.208	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	31381	18.674	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	31301	17.814	ug/l	96
89) n-Butylbenzene	12.335	91	57424	17.351	ug/l	97
90) Hexachloroethane	12.542	117	9377	17.195	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	30805	18.782	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4845	17.099	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	15520	17.062	ug/l	94
94) Hexachlorobutadiene	13.725	225	5932	16.643	ug/l	96
95) Naphthalene	13.780	128	69773	18.549	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	17234	18.810	ug/l	96

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

