

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022040.D
 Acq On : 17 May 2021 18:36
 Operator : JC/MD
 Sample : VX0518WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:56:47 PM

Quant Time: May 18 02:21:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	80040	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	157443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	140023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	65961	50.07	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.14%			
35) Dibromofluoromethane	5.397	113	52877	49.01	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.02%			
50) Toluene-d8	8.653	98	194143	47.15	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.30%			
62) 4-Bromofluorobenzene	11.085	95	74831	46.05	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	19020	18.05	ug/l	100
3) Chloromethane	1.294	50	22707	17.94	ug/l	94
4) Vinyl Chloride	1.374	62	23914	16.37	ug/l	100
5) Bromomethane	1.611	94	12870	24.14	ug/l	99
6) Chloroethane	1.691	64	14887	19.59	ug/l	98
7) Trichlorofluoromethane	1.886	101	33209	16.48	ug/l	98
8) Diethyl Ether	2.136	74	14730	17.42	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	19057	18.60	ug/l	94
10) Methyl Iodide	2.459	142	20527	16.86	ug/l	97
11) Tert butyl alcohol	2.983	59	29045	82.64	ug/l	99
12) 1,1-Dichloroethene	2.319	96	18386	16.94	ug/l	99
13) Acrolein	2.239	56	13592	86.81	ug/l	99
14) Allyl chloride	2.666	41	34773	17.49	ug/l	96
15) Acrylonitrile	3.068	53	59073	89.45	ug/l	99
16) Acetone	2.386	43	52980	89.68	ug/l	100
17) Carbon Disulfide	2.514	76	49706	16.47	ug/l	100
18) Methyl Acetate	2.709	43	31409	19.17	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	65913	18.94	ug/l	95
20) Methylene Chloride	2.794	84	22921	18.90	ug/l	98
21) trans-1,2-Dichloroethene	3.099	96	21579	18.63	ug/l	96
22) Diisopropyl ether	3.770	45	65438	17.67	ug/l	98
23) Vinyl Acetate	3.727	43	320312	87.90	ug/l	95
24) 1,1-Dichloroethane	3.617	63	39837	18.72	ug/l	98
25) 2-Butanone	4.568	43	90191	88.71	ug/l	91
26) 2,2-Dichloropropane	4.483	77	34628	18.18	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	25238	18.46	ug/l	99
28) Bromochloromethane	4.904	49	19418	19.97	ug/l	88
29) Tetrahydrofuran	5.019	42	52646	87.15	ug/l	92
30) Chloroform	5.105	83	40606	18.70	ug/l	99
31) Cyclohexane	5.477	56	31917	18.34	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	35160	18.45	ug/l	99
36) 1,1-Dichloropropene	5.702	75	29627	17.75	ug/l	100
37) Ethyl Acetate	4.721	43	34614	17.17	ug/l	97
38) Carbon Tetrachloride	5.684	117	29342	17.58	ug/l	92
39) Methylcyclohexane	7.385	83	32413	17.30	ug/l	96
40) Benzene	6.044	78	90338	17.98	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	19657	18.05	ug/l #	83
42) 1,2-Dichloroethane	6.098	62	32333	18.78	ug/l	98
43) Isopropyl Acetate	6.348	43	59217	17.36	ug/l	95
44) Trichloroethene	7.135	130	22110	18.11	ug/l	93
45) 1,2-Dichloropropane	7.440	63	23323	17.72	ug/l	98
46) Dibromomethane	7.592	93	15978	17.94	ug/l #	87
47) Bromodichloromethane	7.830	83	31947	17.79	ug/l #	98
48) Methyl methacrylate	7.702	41	27319	17.41	ug/l	92
49) 1,4-Dioxane	7.677	88	10603	321.21	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	180793	85.14	ug/l	93
52) Toluene	8.720	92	57576	17.95	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	36013	17.21	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	38030	17.35	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	23634	18.43	ug/l	96
56) Ethyl methacrylate	9.122	69	37499	16.65	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	40161	18.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	98747	89.51	ug/l	100
59) 2-Hexanone	9.433	43	134898	82.46	ug/l	93
60) Dibromochloromethane	9.525	129	22537	16.31	ug/l	99
61) 1,2-Dibromoethane	9.616	107	23183	17.34	ug/l	97
64) Tetrachloroethene	9.281	164	18599	20.65	ug/l	92
65) Chlorobenzene	10.086	112	60320	18.58	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	21399	17.96	ug/l	98
67) Ethyl Benzene	10.195	91	110832	18.53	ug/l	100
68) m/p-Xylenes	10.305	106	81770	35.76	ug/l	98
69) o-Xylene	10.646	106	40531	17.76	ug/l	99
70) Styrene	10.659	104	67325	17.75	ug/l	99
71) Bromoform	10.805	173	14578	16.08	ug/l #	98
73) Isopropylbenzene	10.963	105	106432	19.03	ug/l	99
74) N-amyl acetate	10.848	43	50164	16.74	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	36300	17.50	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	32081m	18.25	ug/l	
77) Bromobenzene	11.201	156	22741	18.88	ug/l	88
78) n-propylbenzene	11.311	91	121864	18.40	ug/l	99
79) 2-Chlorotoluene	11.366	91	74212	18.49	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	89495	18.62	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	12373	16.32	ug/l	98
82) 4-Chlorotoluene	11.457	91	86740	18.67	ug/l	96
83) tert-Butylbenzene	11.719	119	85705	18.40	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	89773	18.63	ug/l	99
85) sec-Butylbenzene	11.896	105	106627	18.64	ug/l	97
86) p-Isopropyltoluene	12.012	119	88811	18.22	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	43049	18.92	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	42689	18.13	ug/l	96
89) n-Butylbenzene	12.335	91	81407	18.11	ug/l	98
90) Hexachloroethane	12.542	117	14676	16.66	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	41953	18.68	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8046	17.47	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	24210	17.90	ug/l	98
94) Hexachlorobutadiene	13.731	225	9911	18.78	ug/l	97
95) Naphthalene	13.780	128	99000	17.86	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25324	18.47	ug/l	98

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

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