

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021476.D
 Acq On : 25 Mar 2021 11:41
 Operator : JC/MD
 Sample : VX0325WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 1:13:49 PM

Quant Time: Mar 25 15:53:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	73424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	122260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	55256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	60433	49.47	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.94%
35) Dibromofluoromethane	5.464	113	42604	49.06	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.12%
50) Toluene-d8	8.694	98	150110	48.51	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.02%
62) 4-Bromofluorobenzene	11.118	95	57164	47.51	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.02%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	15129	18.75	ug/l	96
3) Chloromethane	1.311	50	18112	19.55	ug/l	100
4) Vinyl Chloride	1.393	62	16018	19.40	ug/l	99
5) Bromomethane	1.623	94	7503	22.58	ug/l	100
6) Chloroethane	1.705	64	10073	19.24	ug/l	97
7) Trichlorofluoromethane	1.911	101	26294	19.59	ug/l	100
8) Diethyl Ether	2.164	74	8849	18.99	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.364	101	15056	19.92	ug/l	94
10) Methyl Iodide	2.487	142	9966	21.29	ug/l #	86
11) Tert butyl alcohol	3.017	59	18281	90.51	ug/l	96
12) 1,1-Dichloroethene	2.352	96	13748	18.58	ug/l	88
13) Acrolein	2.270	56	8913	90.28	ug/l	100
14) Allyl chloride	2.705	41	27590	18.37	ug/l #	88
15) Acrylonitrile	3.111	53	45104	93.97	ug/l	97
16) Acetone	2.423	43	41955	90.83	ug/l	89
17) Carbon Disulfide	2.546	76	35703	17.18	ug/l	99
18) Methyl Acetate	2.746	43	27211	20.39	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	52255	18.91	ug/l	99
20) Methylene Chloride	2.834	84	16506	18.31	ug/l #	87
21) trans-1,2-Dichloroethene	3.134	96	15211	18.71	ug/l	91
22) Diisopropyl ether	3.823	45	56765	19.45	ug/l	96
23) Vinyl Acetate	3.782	43	233842	94.74	ug/l #	91
24) 1,1-Dichloroethane	3.664	63	30354	19.30	ug/l	96
25) 2-Butanone	4.629	43	65523	93.57	ug/l	90
26) 2,2-Dichloropropane	4.546	77	25085	18.41	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	17905	18.97	ug/l	90
28) Bromochloromethane	4.976	49	14670	18.63	ug/l	83
29) Tetrahydrofuran	5.088	42	42641	93.92	ug/l	86
30) Chloroform	5.170	83	32401	19.51	ug/l	100
31) Cyclohexane	5.547	56	25562	19.03	ug/l	86
32) 1,1,1-Trichloroethane	5.458	97	28233	19.19	ug/l	95
36) 1,1-Dichloropropene	5.770	75	22776	19.01	ug/l	96
37) Ethyl Acetate	4.793	43	24975	18.03	ug/l #	92
38) Carbon Tetrachloride	5.747	117	24828	19.29	ug/l	98
39) Methylcyclohexane	7.435	83	24818	18.69	ug/l #	88
40) Benzene	6.105	78	65117	19.14	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.994	41	14221	17.70	ug/l	87
42) 1,2-Dichloroethane	6.158	62	28779	19.51	ug/l	92
43) Isopropyl Acetate	6.405	43	41895	18.63	ug/l #	90
44) Trichloroethene	7.182	130	16844	18.76	ug/l	88
45) 1,2-Dichloropropane	7.488	63	17891	19.41	ug/l	99
46) Dibromomethane	7.635	93	12675	18.87	ug/l	92
47) Bromodichloromethane	7.870	83	25933	18.97	ug/l	98
48) Methyl methacrylate	7.741	41	22235	18.53	ug/l #	81
49) 1,4-Dioxane	7.717	88	7999	372.41	ug/l #	85
51) 4-Methyl-2-Pentanone	8.618	43	132584	95.84	ug/l	87
52) Toluene	8.765	92	39915	19.00	ug/l	97
53) t-1,3-Dichloropropene	9.018	75	25022	18.13	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	27750	18.89	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	17226	19.42	ug/l	95
56) Ethyl methacrylate	9.159	69	24520	17.77	ug/l #	71
57) 1,3-Dichloropropane	9.353	76	28988	19.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	70041	93.46	ug/l	95
59) 2-Hexanone	9.471	43	98179	94.51	ug/l	82
60) Dibromochloromethane	9.565	129	18991	19.12	ug/l	100
61) 1,2-Dibromoethane	9.653	107	17682	18.56	ug/l	100
64) Tetrachloroethene	9.318	164	14823	20.05	ug/l	93
65) Chlorobenzene	10.118	112	42436	19.14	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.200	131	16567	19.50	ug/l	99
67) Ethyl Benzene	10.235	91	77754	19.24	ug/l	96
68) m/p-Xylenes	10.341	106	56249	39.06	ug/l	92
69) o-Xylene	10.682	106	26793	19.21	ug/l	93
70) Styrene	10.694	104	46326	19.32	ug/l	96
71) Bromoform	10.841	173	12503	18.11	ug/l #	98
73) Isopropylbenzene	11.000	105	74312	19.14	ug/l	100
74) N-amyl acetate	10.877	43	34650	18.45	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	25979	18.94	ug/l	98
76) 1,2,3-Trichloropropane	11.277	75	22365m	17.39	ug/l	
77) Bromobenzene	11.236	156	17948	18.65	ug/l	94
78) n-propylbenzene	11.341	91	86790	18.93	ug/l	97
79) 2-Chlorotoluene	11.400	91	52658	18.93	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	64141	19.34	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	7279	17.24	ug/l #	79
82) 4-Chlorotoluene	11.494	91	62677	18.98	ug/l	96
83) tert-Butylbenzene	11.753	119	60065	18.60	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	63876	19.10	ug/l	98
85) sec-Butylbenzene	11.930	105	71588	19.22	ug/l	97
86) p-Isopropyltoluene	12.047	119	64824	19.12	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	32533	18.77	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	32837	18.32	ug/l	96
89) n-Butylbenzene	12.371	91	57484	18.50	ug/l	96
90) Hexachloroethane	12.577	117	11157	18.23	ug/l	87
91) 1,2-Dichlorobenzene	12.377	146	31996	18.99	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6116	18.96	ug/l	78
93) 1,2,4-Trichlorobenzene	13.630	180	19934	18.05	ug/l	96
94) Hexachlorobutadiene	13.765	225	9690	19.44	ug/l	97
95) Naphthalene	13.818	128	66366	18.42	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	20622	18.68	ug/l	96

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

