

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021505.D
 Acq On : 25 Mar 2021 23:20
 Operator : JC/MD
 Sample : VX0325WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 1:14:32 PM

Quant Time: Mar 26 03:20:58 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	71264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	122698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	54697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59963	50.57	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.14%			
35) Dibromofluoromethane	5.464	113	41869	48.04	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.08%			
50) Toluene-d8	8.694	98	149101	48.01	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.02%			
62) 4-Bromofluorobenzene	11.118	95	56385	46.70	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	14510	18.52	ug/l	99
3) Chloromethane	1.310	50	18174	20.21	ug/l	98
4) Vinyl Chloride	1.393	62	15325	19.13	ug/l	96
5) Bromomethane	1.622	94	7574	23.49	ug/l	97
6) Chloroethane	1.705	64	9816	19.32	ug/l	95
7) Trichlorofluoromethane	1.910	101	25585	19.63	ug/l	95
8) Diethyl Ether	2.169	74	8669	19.17	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.363	101	14029	19.13	ug/l	95
10) Methyl Iodide	2.487	142	10638	22.75	ug/l #	87
11) Tert butyl alcohol	3.017	59	18512	94.44	ug/l	98
12) 1,1-Dichloroethene	2.352	96	13368	18.61	ug/l	87
13) Acrolein	2.275	56	7903	82.85	ug/l	95
14) Allyl chloride	2.705	41	26369	18.09	ug/l #	88
15) Acrylonitrile	3.117	53	46274	99.33	ug/l	97
16) Acetone	2.422	43	44235	98.67	ug/l #	87
17) Carbon Disulfide	2.546	76	34054	16.89	ug/l	99
18) Methyl Acetate	2.752	43	27963	21.59	ug/l #	88
19) Methyl tert-butyl Ether	3.169	73	52223	19.47	ug/l	97
20) Methylene Chloride	2.834	84	16465	18.82	ug/l #	88
21) trans-1,2-Dichloroethene	3.140	96	14891	18.88	ug/l	93
22) Diisopropyl ether	3.822	45	55656	19.65	ug/l	90
23) Vinyl Acetate	3.787	43	227651	95.03	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	29432	19.28	ug/l	98
25) 2-Butanone	4.634	43	66765	98.24	ug/l	90
26) 2,2-Dichloropropane	4.552	77	19836	15.00	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	17486	19.09	ug/l	92
28) Bromochloromethane	4.981	49	15490	20.26	ug/l	83
29) Tetrahydrofuran	5.087	42	42444	96.32	ug/l #	86
30) Chloroform	5.170	83	31679	19.66	ug/l	100
31) Cyclohexane	5.546	56	24058	18.45	ug/l	91
32) 1,1,1-Trichloroethane	5.464	97	27688	19.39	ug/l	96
36) 1,1-Dichloropropene	5.770	75	22047	18.34	ug/l	96
37) Ethyl Acetate	4.793	43	25094	18.05	ug/l	93
38) Carbon Tetrachloride	5.752	117	24267	18.78	ug/l	97
39) Methylcyclohexane	7.441	83	22740	17.06	ug/l	91
40) Benzene	6.111	78	63165	18.50	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	14699	18.23	ug/l	89
42) 1,2-Dichloroethane	6.158	62	27800	18.78	ug/l	94
43) Isopropyl Acetate	6.411	43	42001	18.61	ug/l #	90
44) Trichloroethene	7.188	130	16338	18.14	ug/l	94
45) 1,2-Dichloropropane	7.488	63	17332	18.74	ug/l	91
46) Dibromomethane	7.635	93	12560	18.63	ug/l	91
47) Bromodichloromethane	7.876	83	25375	18.50	ug/l	99
48) Methyl methacrylate	7.747	41	22196	18.43	ug/l #	82
49) 1,4-Dioxane	7.717	88	8063	374.04	ug/l #	87
51) 4-Methyl-2-Pentanone	8.617	43	133798	96.37	ug/l	88
52) Toluene	8.764	92	38909	18.45	ug/l	97
53) t-1,3-Dichloropropene	9.023	75	23442	16.92	ug/l	93
54) cis-1,3-Dichloropropene	8.411	75	25233	17.12	ug/l #	81
55) 1,1,2-Trichloroethane	9.194	97	16689	18.75	ug/l	98
56) Ethyl methacrylate	9.158	69	24517	17.71	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	28486	18.70	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.288	63	69290	92.12	ug/l	95
59) 2-Hexanone	9.470	43	99196	95.15	ug/l	84
60) Dibromochloromethane	9.564	129	17913	17.97	ug/l	97
61) 1,2-Dibromoethane	9.653	107	17512	18.32	ug/l	98
64) Tetrachloroethene	9.317	164	14324	19.18	ug/l	94
65) Chlorobenzene	10.117	112	41098	18.35	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	15965	18.60	ug/l	99
67) Ethyl Benzene	10.235	91	75242	18.43	ug/l	99
68) m/p-Xylenes	10.341	106	54080	37.18	ug/l	94
69) o-Xylene	10.682	106	26941	19.12	ug/l	97
70) Styrene	10.694	104	44537	18.38	ug/l	95
71) Bromoform	10.841	173	12957	18.58	ug/l #	99
73) Isopropylbenzene	11.000	105	71122	18.51	ug/l	98
74) N-amyl acetate	10.882	43	33724	18.14	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.253	83	26550	19.55	ug/l	99
76) 1,2,3-Trichloropropane	11.276	75	24645m	19.35	ug/l	
77) Bromobenzene	11.241	156	17523	18.39	ug/l	95
78) n-propylbenzene	11.341	91	82936	18.27	ug/l	98
79) 2-Chlorotoluene	11.406	91	50733	18.43	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	61985	18.88	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	6538	15.64	ug/l #	77
82) 4-Chlorotoluene	11.494	91	59466	18.19	ug/l	95
83) tert-Butylbenzene	11.753	119	58134	18.19	ug/l	93
84) 1,2,4-Trimethylbenzene	11.788	105	61533	18.59	ug/l	96
85) sec-Butylbenzene	11.929	105	66461	18.02	ug/l	98
86) p-Isopropyltoluene	12.047	119	59969	17.87	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	30220	17.62	ug/l	97
88) 1,4-Dichlorobenzene	12.076	146	31988	18.02	ug/l	96
89) n-Butylbenzene	12.371	91	51596	16.78	ug/l	95
90) Hexachloroethane	12.577	117	10326	17.05	ug/l	97
91) 1,2-Dichlorobenzene	12.377	146	30912	18.53	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6026	18.88	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	18960	17.34	ug/l	97
94) Hexachlorobutadiene	13.765	225	7361	14.92	ug/l	91
95) Naphthalene	13.818	128	64647	18.13	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	18992	17.38	ug/l	97

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

