

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021506.D
 Acq On : 25 Mar 2021 23:43
 Operator : JC/MD
 Sample : VX0325WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 1:14:34 PM

Quant Time: Mar 26 03:21:36 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	75158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	129412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	116319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	54154	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	63558	50.82	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.64%			
35) Dibromofluoromethane	5.464	113	45131	49.10	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.20%			
50) Toluene-d8	8.694	98	156790	47.86	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.72%			
62) 4-Bromofluorobenzene	11.118	95	58322	45.79	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.58%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	15345	18.57	ug/l	100
3) Chloromethane	1.311	50	19465	20.52	ug/l	96
4) Vinyl Chloride	1.393	62	16590	19.63	ug/l	100
5) Bromomethane	1.623	94	7901	23.23	ug/l	99
6) Chloroethane	1.705	64	10179	18.99	ug/l	100
7) Trichlorofluoromethane	1.911	101	27160	19.76	ug/l	99
8) Diethyl Ether	2.170	74	9543	20.01	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.364	101	14980	19.36	ug/l	97
10) Methyl Iodide	2.487	142	11590	23.28	ug/l #	88
11) Tert butyl alcohol	3.017	59	19537	94.50	ug/l	96
12) 1,1-Dichloroethene	2.352	96	13877	18.32	ug/l	85
13) Acrolein	2.270	56	8607	85.42	ug/l	98
14) Allyl chloride	2.705	41	28595	18.60	ug/l #	89
15) Acrylonitrile	3.117	53	48966	99.66	ug/l	97
16) Acetone	2.423	43	46118	97.54	ug/l	88
17) Carbon Disulfide	2.546	76	35782	16.82	ug/l	96
18) Methyl Acetate	2.752	43	29409	21.53	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	55491	19.62	ug/l	99
20) Methylene Chloride	2.829	84	17466	18.93	ug/l	90
21) trans-1,2-Dichloroethene	3.140	96	15877	19.08	ug/l	93
22) Diisopropyl ether	3.823	45	58862	19.71	ug/l	92
23) Vinyl Acetate	3.782	43	242407	95.95	ug/l #	93
24) 1,1-Dichloroethane	3.664	63	31708	19.69	ug/l	96
25) 2-Butanone	4.635	43	70845	98.84	ug/l #	88
26) 2,2-Dichloropropane	4.547	77	20542	14.73	ug/l	97
27) cis-1,2-Dichloroethene	4.564	96	18594	19.25	ug/l	92
28) Bromochloromethane	4.976	49	15189	18.84	ug/l #	9
29) Tetrahydrofuran	5.088	42	45988	98.96	ug/l #	85
30) Chloroform	5.176	83	34066	20.04	ug/l	99
31) Cyclohexane	5.547	56	25912	18.84	ug/l	93
32) 1,1,1-Trichloroethane	5.464	97	29850	19.82	ug/l	95
36) 1,1-Dichloropropene	5.764	75	23019	18.15	ug/l	97
37) Ethyl Acetate	4.794	43	27080	18.47	ug/l #	93
38) Carbon Tetrachloride	5.753	117	25442	18.67	ug/l	98
39) Methylcyclohexane	7.441	83	24370	17.34	ug/l	93
40) Benzene	6.111	78	67561	18.76	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	15707	18.47	ug/l #	87
42) 1,2-Dichloroethane	6.164	62	30163	19.32	ug/l	94
43) Isopropyl Acetate	6.411	43	44304	18.61	ug/l #	90
44) Trichloroethene	7.182	130	17759	18.69	ug/l	99
45) 1,2-Dichloropropane	7.488	63	18435	18.90	ug/l	99
46) Dibromomethane	7.635	93	13276	18.67	ug/l	91
47) Bromodichloromethane	7.876	83	26752	18.49	ug/l	98
48) Methyl methacrylate	7.747	41	23600	18.58	ug/l #	81
49) 1,4-Dioxane	7.712	88	8413	370.03	ug/l #	87
51) 4-Methyl-2-Pentanone	8.618	43	141259	96.47	ug/l	88
52) Toluene	8.765	92	41878	18.83	ug/l	100
53) t-1,3-Dichloropropene	9.024	75	25139	17.21	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	27563	17.73	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	18045	19.22	ug/l	97
56) Ethyl methacrylate	9.159	69	25817	17.69	ug/l #	72
57) 1,3-Dichloropropane	9.353	76	30134	18.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	74656	94.11	ug/l	95
59) 2-Hexanone	9.471	43	103969	94.56	ug/l	85
60) Dibromochloromethane	9.565	129	19866	18.90	ug/l	99
61) 1,2-Dibromoethane	9.653	107	18326	18.17	ug/l	99
64) Tetrachloroethene	9.318	164	15472	19.86	ug/l	91
65) Chlorobenzene	10.118	112	44404	19.00	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.206	131	16875	18.85	ug/l	99
67) Ethyl Benzene	10.235	91	80300	18.85	ug/l	98
68) m/p-Xylenes	10.341	106	57548	37.92	ug/l	93
69) o-Xylene	10.683	106	27958	19.02	ug/l	96
70) Styrene	10.694	104	47225	18.68	ug/l	94
71) Bromoform	10.841	173	13298	18.28	ug/l #	99
73) Isopropylbenzene	11.000	105	76398	20.08	ug/l	98
74) N-amyl acetate	10.883	43	35968	19.54	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	27096	20.15	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	26153m	20.74	ug/l	
77) Bromobenzene	11.241	156	18162	19.26	ug/l	93
78) n-propylbenzene	11.342	91	88392	19.67	ug/l	97
79) 2-Chlorotoluene	11.406	91	54469	19.98	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	63885	19.65	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	7171	17.33	ug/l #	83
82) 4-Chlorotoluene	11.494	91	62753	19.39	ug/l	96
83) tert-Butylbenzene	11.753	119	60062	18.98	ug/l	89
84) 1,2,4-Trimethylbenzene	11.789	105	65119	19.87	ug/l	100
85) sec-Butylbenzene	11.930	105	70431	19.29	ug/l	98
86) p-Isopropyltoluene	12.047	119	63818	19.20	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	32878	19.36	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	33344	18.98	ug/l	97
89) n-Butylbenzene	12.371	91	55581	18.25	ug/l	94
90) Hexachloroethane	12.577	117	10915	18.20	ug/l	95
91) 1,2-Dichlorobenzene	12.377	146	32619	19.75	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6117	19.31	ug/l	81
93) 1,2,4-Trichlorobenzene	13.630	180	19131	17.67	ug/l	96
94) Hexachlorobutadiene	13.765	225	8074	16.53	ug/l	97
95) Naphthalene	13.812	128	68481	19.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	19946	18.44	ug/l	98

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

