

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021477.D
 Acq On : 25 Mar 2021 12:10
 Operator : JC/MD
 Sample : VX0325WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 1:13:51 PM

Quant Time: Mar 25 15:53:57 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	5.629	168	72411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	118158	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	114217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59757	49.60	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.20%		
35) Dibromofluoromethane	5.464	113	40832	48.65	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.30%		
50) Toluene-d8	8.694	98	148130	49.53	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.06%		
62) 4-Bromofluorobenzene	11.118	95	58646	50.43	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.86%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	14918	18.74	ug/l	100
3) Chloromethane	1.311	50	18329	20.06	ug/l	94
4) Vinyl Chloride	1.393	62	14867	18.26	ug/l	96
5) Bromomethane	1.622	94	7107	21.69	ug/l	98
6) Chloroethane	1.705	64	9653	18.70	ug/l	98
7) Trichlorofluoromethane	1.911	101	25624	19.35	ug/l	94
8) Diethyl Ether	2.170	74	9011	19.61	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.358	101	14199	19.05	ug/l	95
10) Methyl Iodide	2.487	142	10305	22.00	ug/l #	88
11) Tert butyl alcohol	3.017	59	18944	95.11	ug/l	97
12) 1,1-Dichloroethene	2.352	96	12902	17.68	ug/l	86
13) Acrolein	2.275	56	8901	91.37	ug/l	96
14) Allyl chloride	2.705	41	26846	18.12	ug/l #	86
15) Acrylonitrile	3.111	53	45682	96.51	ug/l	96
16) Acetone	2.423	43	44183	96.99	ug/l #	86
17) Carbon Disulfide	2.546	76	34578	16.87	ug/l	98
18) Methyl Acetate	2.746	43	27199	20.67	ug/l #	88
19) Methyl tert-butyl Ether	3.170	73	52127	19.13	ug/l	100
20) Methylene Chloride	2.834	84	16233	18.26	ug/l	89
21) trans-1,2-Dichloroethene	3.140	96	14276	17.81	ug/l	88
22) Diisopropyl ether	3.823	45	55586	19.32	ug/l	97
23) Vinyl Acetate	3.782	43	231728	95.20	ug/l #	93
24) 1,1-Dichloroethane	3.664	63	29330	18.90	ug/l	98
25) 2-Butanone	4.629	43	66872	96.84	ug/l	91
26) 2,2-Dichloropropane	4.546	77	23922	17.80	ug/l	95
27) cis-1,2-Dichloroethene	4.558	96	17831	19.16	ug/l	93
28) Bromochloromethane	4.970	49	14965	19.27	ug/l #	80
29) Tetrahydrofuran	5.088	42	42865	95.74	ug/l	86
30) Chloroform	5.170	83	31804	19.42	ug/l	100
31) Cyclohexane	5.546	56	24516	18.50	ug/l	90
32) 1,1,1-Trichloroethane	5.458	97	27069	18.66	ug/l	96
36) 1,1-Dichloropropene	5.770	75	21507	18.58	ug/l	96
37) Ethyl Acetate	4.788	43	25228	18.85	ug/l #	93
38) Carbon Tetrachloride	5.752	117	23930	19.23	ug/l	96
39) Methylcyclohexane	7.435	83	24060	18.75	ug/l	95
40) Benzene	6.111	78	64092	19.50	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.993	41	14468	18.63	ug/l	88
42) 1,2-Dichloroethane	6.158	62	28116	19.73	ug/l	94
43) Isopropyl Acetate	6.405	43	42606	19.60	ug/l #	91
44) Trichloroethene	7.188	130	16126	18.59	ug/l	94
45) 1,2-Dichloropropane	7.488	63	17738	19.92	ug/l	95
46) Dibromomethane	7.635	93	12729	19.61	ug/l	93
47) Bromodichloromethane	7.876	83	26151	19.80	ug/l	99
48) Methyl methacrylate	7.747	41	22346	19.27	ug/l #	83
49) 1,4-Dioxane	7.711	88	8772	422.57	ug/l #	90
51) 4-Methyl-2-Pentanone	8.617	43	135726	101.52	ug/l	88
52) Toluene	8.765	92	39732	19.57	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	25550	19.15	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	27845	19.62	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	17679	20.63	ug/l	96
56) Ethyl methacrylate	9.159	69	25364	18.87	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	29418	20.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	72505	100.10	ug/l	95
59) 2-Hexanone	9.471	43	102082	101.68	ug/l	84
60) Dibromochloromethane	9.565	129	19217	20.02	ug/l	98
61) 1,2-Dibromoethane	9.653	107	18281	19.86	ug/l	98
64) Tetrachloroethene	9.318	164	14641	19.14	ug/l #	84
65) Chlorobenzene	10.118	112	43361	18.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	16621	18.90	ug/l	98
67) Ethyl Benzene	10.235	91	77805	18.60	ug/l	96
68) m/p-Xylenes	10.341	106	56708	38.06	ug/l	92
69) o-Xylene	10.682	106	27804	19.27	ug/l	97
70) Styrene	10.694	104	45937	18.51	ug/l	94
71) Bromoform	10.841	173	14002	19.60	ug/l #	96
73) Isopropylbenzene	11.000	105	74970	19.82	ug/l	99
74) N-amyl acetate	10.882	43	35996	19.67	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	27575	20.63	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	25907m	20.67	ug/l	
77) Bromobenzene	11.235	156	18535	19.77	ug/l	94
78) n-propylbenzene	11.341	91	87887	19.67	ug/l	98
79) 2-Chlorotoluene	11.406	91	53751	19.83	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	65161	20.16	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	7722	18.77	ug/l #	78
82) 4-Chlorotoluene	11.494	91	63133	19.62	ug/l	96
83) tert-Butylbenzene	11.753	119	61188	19.45	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	65965	20.25	ug/l	97
85) sec-Butylbenzene	11.930	105	73504	20.25	ug/l	98
86) p-Isopropyltoluene	12.047	119	66809	20.22	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	33727	19.97	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	32939	18.86	ug/l	96
89) n-Butylbenzene	12.371	91	59200	19.56	ug/l	94
90) Hexachloroethane	12.577	117	11518	19.32	ug/l	90
91) 1,2-Dichlorobenzene	12.377	146	31953	19.46	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	6186	19.61	ug/l	78
93) 1,2,4-Trichlorobenzene	13.624	180	20347	18.91	ug/l	99
94) Hexachlorobutadiene	13.765	225	9195	18.93	ug/l	100
95) Naphthalene	13.818	128	65874	18.77	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	19958	18.55	ug/l	98

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

