

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021567.D
 Acq On : 29 Mar 2021 11:22
 Operator : JC/MD
 Sample : VX0329WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 9:41:29 AM

Quant Time : Mar 30 03:24:34 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	87242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	142736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	136239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	65678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	73550	50.67	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.34%			
35) Dibromofluoromethane	5.464	113	51999	51.29	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.58%			
50) Toluene-d8	8.694	98	183031	50.66	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.32%			
62) 4-Bromofluorobenzene	11.118	95	70467	50.17	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.34%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	18137	18.91	ug/l	97
3) Chloromethane	1.310	50	21049	19.12	ug/l	99
4) Vinyl Chloride	1.393	62	19073	19.45	ug/l	99
5) Bromomethane	1.622	94	9472	24.00	ug/l	97
6) Chloroethane	1.704	64	12059	19.39	ug/l	100
7) Trichlorofluoromethane	1.910	101	31311	19.63	ug/l	95
8) Diethyl Ether	2.169	74	11405	20.60	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.363	101	17660	19.67	ug/l	95
10) Methyl Iodide	2.487	142	14830	24.98	ug/l #	90
11) Tert butyl alcohol	3.016	59	24258	101.09	ug/l	96
12) 1,1-Dichloroethene	2.352	96	16290	18.53	ug/l	87
13) Acrolein	2.275	56	8477	73.12	ug/l	96
14) Allyl chloride	2.705	41	33611	18.83	ug/l #	88
15) Acrylonitrile	3.116	53	56694	99.41	ug/l	96
16) Acetone	2.422	43	54001	98.39	ug/l #	87
17) Carbon Disulfide	2.552	76	41343	16.75	ug/l	99
18) Methyl Acetate	2.752	43	34690	21.88	ug/l #	89
19) Methyl tert-butyl Ether	3.169	73	65174	19.85	ug/l	98
20) Methylene Chloride	2.834	84	20481	19.12	ug/l	88
21) trans-1,2-Dichloroethene	3.140	96	17852	18.49	ug/l	91
22) Diisopropyl ether	3.828	45	68345	19.71	ug/l	93
23) Vinyl Acetate	3.781	43	286597	97.73	ug/l #	92
24) 1,1-Dichloroethane	3.669	63	36440	19.49	ug/l	98
25) 2-Butanone	4.634	43	82327	98.95	ug/l	91
26) 2,2-Dichloropropane	4.552	77	31549	19.48	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	21109	18.82	ug/l	88
28) Bromochloromethane	4.976	49	19661	21.01	ug/l	86
29) Tetrahydrofuran	5.087	42	53904	99.93	ug/l #	86
30) Chloroform	5.176	83	39449	20.00	ug/l	99
31) Cyclohexane	5.546	56	29519	18.49	ug/l	89
32) 1,1,1-Trichloroethane	5.464	97	34584	19.78	ug/l	96
36) 1,1-Dichloropropene	5.770	75	26709	19.10	ug/l	97
37) Ethyl Acetate	4.793	43	31152	19.26	ug/l #	93
38) Carbon Tetrachloride	5.746	117	30137	20.05	ug/l	98
39) Methylcyclohexane	7.441	83	29428	18.98	ug/l	91
40) Benzene	6.111	78	79074	19.91	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	18732	19.97	ug/l #	88
42) 1,2-Dichloroethane	6.158	62	35663	20.71	ug/l	92
43) Isopropyl Acetate	6.411	43	52693	20.07	ug/l #	90
44) Trichloroethene	7.182	130	20617	19.67	ug/l	99
45) 1,2-Dichloropropane	7.488	63	21831	20.29	ug/l	99
46) Dibromomethane	7.635	93	15619	19.92	ug/l	93
47) Bromodichloromethane	7.876	83	32330	20.26	ug/l	95
48) Methyl methacrylate	7.746	41	27862	19.89	ug/l #	82
49) 1,4-Dioxane	7.711	88	10835	432.08	ug/l #	90
51) 4-Methyl-2-Pentanone	8.617	43	168123	104.10	ug/l	89
52) Toluene	8.764	92	50035	20.40	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	32064	19.90	ug/l	99
54) cis-1,3-Dichloropropene	8.411	75	34804	20.30	ug/l #	86
55) 1,1,2-Trichloroethane	9.194	97	21800	21.06	ug/l	98
56) Ethyl methacrylate	9.158	69	31555	19.37	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	35729	20.17	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	87670	100.20	ug/l	96
59) 2-Hexanone	9.470	43	127302	104.97	ug/l	84
60) Dibromochloromethane	9.564	129	24813	21.40	ug/l	99
61) 1,2-Dibromoethane	9.653	107	22820	20.52	ug/l	98
64) Tetrachloroethene	9.317	164	18830	20.63	ug/l	95
65) Chlorobenzene	10.123	112	53309	19.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	21265	20.28	ug/l	97
67) Ethyl Benzene	10.235	91	95350	19.11	ug/l	96
68) m/p-Xylenes	10.341	106	69740	39.24	ug/l	91
69) o-Xylene	10.682	106	34112	19.82	ug/l	96
70) Styrene	10.694	104	57862	19.55	ug/l	95
71) Bromoform	10.841	173	16917	19.85	ug/l #	98
73) Isopropylbenzene	11.000	105	92163	19.97	ug/l	99
74) N-amyl acetate	10.876	43	44012	19.71	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	33474	20.53	ug/l	99
76) 1,2,3-Trichloropropane	11.276	75	32735m	21.41	ug/l	
77) Bromobenzene	11.241	156	23239	20.32	ug/l	95
78) n-propylbenzene	11.341	91	106394	19.52	ug/l	99
79) 2-Chlorotoluene	11.406	91	66305	20.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	79690	20.21	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	10060	20.04	ug/l #	84
82) 4-Chlorotoluene	11.494	91	77474	19.74	ug/l	96
83) tert-Butylbenzene	11.753	119	76009	19.80	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	80577	20.27	ug/l	97
85) sec-Butylbenzene	11.929	105	87859	19.84	ug/l	99
86) p-Isopropyltoluene	12.047	119	79091	19.62	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	40566	19.69	ug/l	97
88) 1,4-Dichlorobenzene	12.082	146	40333	18.93	ug/l	97
89) n-Butylbenzene	12.371	91	69353	18.78	ug/l	97
90) Hexachloroethane	12.576	117	13934	19.16	ug/l	93
91) 1,2-Dichlorobenzene	12.376	146	39599	19.77	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.982	75	7737	20.06	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	25511	19.43	ug/l	95
94) Hexachlorobutadiene	13.765	225	9867	16.65	ug/l	86
95) Naphthalene	13.818	128	83916	19.60	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	24711	18.83	ug/l	97

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

