

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021431.D
 Acq On : 24 Mar 2021 12:43
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032421

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 9:49:46 AM

Quant Time: Mar 24 17:16:36 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	5.629	168	85916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	138830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	129853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	64663	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	64489	45.11	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.22%		
35) Dibromofluoromethane	5.464	113	46301	46.95	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.90%		
50) Toluene-d8	8.694	98	167144	47.56	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.12%		
62) 4-Bromofluorobenzene	11.118	95	66126	48.40	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.80%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.181	85	47202	49.98	ug/l	99
3) Chloromethane	1.311	50	51665	47.59	ug/l	98
4) Vinyl Chloride	1.393	62	47344	49.02	ug/l	99
5) Bromomethane	1.623	94	19682	50.63	ug/l	99
6) Chloroethane	1.699	64	29642	48.39	ug/l	97
7) Trichlorofluoromethane	1.905	101	76482	48.68	ug/l	95
8) Diethyl Ether	2.170	74	26571	48.74	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.358	101	43520	49.21	ug/l	97
10) Methyl Iodide	2.487	142	31571	46.29	ug/l #	88
11) Tert butyl alcohol	3.023	59	57722	244.24	ug/l	97
12) 1,1-Dichloroethene	2.352	96	40773	47.09	ug/l	85
13) Acrolein	2.276	56	26307	221.19	ug/l	100
14) Allyl chloride	2.705	41	84659	48.17	ug/l #	88
15) Acrylonitrile	3.117	53	137280	244.42	ug/l	98
16) Acetone	2.423	43	127030	235.02	ug/l #	87
17) Carbon Disulfide	2.546	76	112777	46.39	ug/l	99
18) Methyl Acetate	2.746	43	77947	49.92	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	158135	48.91	ug/l	100
20) Methylene Chloride	2.835	84	49164	46.61	ug/l #	83
21) trans-1,2-Dichloroethene	3.140	96	45491	47.83	ug/l	90
22) Diisopropyl ether	3.829	45	167782	49.14	ug/l	91
23) Vinyl Acetate	3.788	43	720192	249.36	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	89112	48.41	ug/l	98
25) 2-Butanone	4.635	43	198043	241.71	ug/l	90
26) 2,2-Dichloropropane	4.547	77	79270	49.71	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	53822	48.74	ug/l	90
28) Bromochloromethane	4.982	49	40839	44.31	ug/l	86
29) Tetrahydrofuran	5.088	42	128449	241.79	ug/l	86
30) Chloroform	5.176	83	95242	49.02	ug/l	98
31) Cyclohexane	5.547	56	78196	49.74	ug/l	96
32) 1,1,1-Trichloroethane	5.458	97	84744	49.22	ug/l	96
36) 1,1-Dichloropropene	5.770	75	68516	50.37	ug/l	97
37) Ethyl Acetate	4.794	43	75175	47.79	ug/l #	93
38) Carbon Tetrachloride	5.753	117	73978	50.61	ug/l	97
39) Methylcyclohexane	7.441	83	79198	52.52	ug/l	91
40) Benzene	6.111	78	193565	50.11	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	44080	48.32	ug/l	89
42) 1,2-Dichloroethane	6.159	62	84072	50.20	ug/l	93
43) Isopropyl Acetate	6.412	43	127670	49.99	ug/l #	91
44) Trichloroethene	7.188	130	50616	49.66	ug/l	92
45) 1,2-Dichloropropane	7.488	63	53017	50.67	ug/l	97
46) Dibromomethane	7.635	93	38191	50.08	ug/l	92
47) Bromodichloromethane	7.876	83	79237	51.05	ug/l	99
48) Methyl methacrylate	7.747	41	69096	50.72	ug/l #	82
49) 1,4-Dioxane	7.712	88	25020	1025.81	ug/l #	91
51) 4-Methyl-2-Pentanone	8.624	43	405305	258.01	ug/l	89
52) Toluene	8.765	92	125547	52.62	ug/l	100
53) t-1,3-Dichloropropene	9.024	75	82519	52.65	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	86927	52.12	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	52639	52.27	ug/l	99
56) Ethyl methacrylate	9.159	69	81341	47.91	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	88319	51.25	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	221880	260.72	ug/l	96
59) 2-Hexanone	9.471	43	307140	260.39	ug/l	85
60) Dibromochloromethane	9.565	129	59207	52.49	ug/l	98
61) 1,2-Dibromoethane	9.653	107	55650	51.44	ug/l	100
64) Tetrachloroethene	9.318	164	45762	52.61	ug/l	94
65) Chlorobenzene	10.124	112	134081	51.40	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	51433	51.45	ug/l	99
67) Ethyl Benzene	10.236	91	252898	53.19	ug/l	98
68) m/p-Xylenes	10.341	106	182238	107.58	ug/l	94
69) o-Xylene	10.683	106	86685	52.83	ug/l	92
70) Styrene	10.694	104	150089	53.19	ug/l	96
71) Bromoform	10.842	173	41954	51.65	ug/l #	98
73) Isopropylbenzene	11.000	105	242563	53.39	ug/l	99
74) N-amyl acetate	10.883	43	110943	50.47	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	80423	50.10	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	78320m	52.03	ug/l	
77) Bromobenzene	11.236	156	56367	50.05	ug/l	93
78) n-propylbenzene	11.342	91	286011	53.31	ug/l	97
79) 2-Chlorotoluene	11.406	91	170815	52.48	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	209265	53.91	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	24820	50.22	ug/l #	79
82) 4-Chlorotoluene	11.495	91	202393	52.37	ug/l	96
83) tert-Butylbenzene	11.753	119	194705	51.52	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	211365	54.02	ug/l	95
85) sec-Butylbenzene	11.930	105	236006	54.14	ug/l	98
86) p-Isopropyltoluene	12.048	119	218740	55.12	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	108272	53.39	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	103631	49.39	ug/l	98
89) n-Butylbenzene	12.371	91	199675	54.92	ug/l	96
90) Hexachloroethane	12.577	117	37354	52.16	ug/l	97
91) 1,2-Dichlorobenzene	12.377	146	99280	50.35	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18989	47.06	ug/l	81
93) 1,2,4-Trichlorobenzene	13.624	180	68389	52.92	ug/l	99
94) Hexachlorobutadiene	13.760	225	30555	52.38	ug/l	100
95) Naphthalene	13.812	128	224939	53.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	67410	52.18	ug/l	99

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

