

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015967.D
 Acq On : 28 Apr 2020 17:17
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042820

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 3:00:03 PM

Quant Time: Apr 28 17:45:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	256768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	408667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	381267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	193971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171813	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	5.47	113	131515	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	8.70	98	494375	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
62) 4-Bromofluorobenzene	11.12	95	194241	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	125020	54.411	ug/l	98
3) Chloromethane	1.31	50	141193	50.704	ug/l	100
4) Vinyl Chloride	1.39	62	168812	53.381	ug/l	100
5) Bromomethane	1.62	94	110411	52.006	ug/l	98
6) Chloroethane	1.70	64	106939	50.837	ug/l	99
7) Trichlorofluoromethane	1.91	101	250765	52.462	ug/l	99
8) Diethyl Ether	2.17	74	102463	51.346	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	123541	51.850	ug/l	100
10) Methyl Iodide	2.49	142	177128	53.292	ug/l	100
11) Tert butyl alcohol	3.01	59	217134	266.448	ug/l	99
12) 1,1-Dichloroethene	2.36	96	126194	51.368	ug/l	99
13) Acrolein	2.27	56	53491	261.190	ug/l	100
14) Allyl chloride	2.70	41	233242	52.653	ug/l	100
15) Acrylonitrile	3.12	53	428538	265.213	ug/l	100
16) Acetone	2.42	43	375456	261.536	ug/l	96
17) Carbon Disulfide	2.55	76	377338	52.663	ug/l	100
18) Methyl Acetate	2.75	43	218090	53.535	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	471134	53.023	ug/l	99
20) Methylene Chloride	2.84	84	142516	50.149	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	141396	51.070	ug/l	98
22) Diisopropyl ether	3.82	45	457697	52.554	ug/l	99
23) Vinyl Acetate	3.79	43	2026106	267.814	ug/l	100
24) 1,1-Dichloroethane	3.67	63	256015	52.770	ug/l	100
25) 2-Butanone	4.64	43	620124	266.568	ug/l	99
26) 2,2-Dichloropropane	4.55	77	229647	51.770	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	161579	51.427	ug/l	99
28) Bromochloromethane	4.98	49	118985	50.682	ug/l	100
29) Tetrahydrofuran	5.09	42	401148	263.121	ug/l	100
30) Chloroform	5.18	83	263348	52.202	ug/l	100
31) Cyclohexane	5.55	56	226725	52.494	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	242429	52.192	ug/l	99
36) 1,1-Dichloropropene	5.77	75	198018	50.874	ug/l	99
37) Ethyl Acetate	4.79	43	237286	53.165	ug/l	99
38) Carbon Tetrachloride	5.76	117	214807	52.249	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	234105	51.997	ug/l	98
40) Benzene	6.12	78	571343	51.445	ug/l	99
41) Methacrylonitrile	5.01	41	129992	54.412	ug/l	98
42) 1,2-Dichloroethane	6.17	62	220213	51.175	ug/l	99
43) Isopropyl Acetate	6.42	43	390086	52.780	ug/l	100
44) Trichloroethene	7.19	130	196834	49.171	ug/l	97
45) 1,2-Dichloropropane	7.49	63	149579	52.114	ug/l	97
46) Dibromomethane	7.64	93	106194	52.069	ug/l	99
47) Bromodichloromethane	7.88	83	215380	53.143	ug/l	99
48) Methyl methacrylate	7.75	41	182637	53.522	ug/l	99
49) 1,4-Dioxane	7.71	88	84441	1051.887	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1202402	268.212	ug/l	99
52) Toluene	8.77	92	368733	52.306	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	251723	52.345	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	258161	52.197	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	147795	52.461	ug/l	99
56) Ethyl methacrylate	9.16	69	248115	54.163	ug/l	99
57) 1,3-Dichloropropane	9.35	76	254325	52.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	634561	268.060	ug/l	100
59) 2-Hexanone	9.48	43	947941	270.569	ug/l	100
60) Dibromochloromethane	9.57	129	173656	55.073	ug/l	97
61) 1,2-Dibromoethane	9.66	107	162395	53.158	ug/l	100
64) Tetrachloroethene	9.32	164	226619	50.104	ug/l	98
65) Chlorobenzene	10.12	112	399706	51.473	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	154352	52.591	ug/l	99
67) Ethyl Benzene	10.24	91	723004	52.281	ug/l	99
68) m/p-Xylenes	10.34	106	544042	103.676	ug/l	99
69) o-Xylene	10.68	106	262154	52.619	ug/l	99
70) Styrene	10.70	104	450876	52.742	ug/l	99
71) Bromoform	10.84	173	129725	48.622	ug/l #	99
73) Isopropylbenzene	11.01	105	708765	53.713	ug/l	100
74) N-amyl acetate	10.88	43	343708	54.008	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	157884	51.431	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	216256m	53.132	ug/l	
77) Bromobenzene	11.24	156	183160	53.924	ug/l	99
78) n-propylbenzene	11.35	91	822595	54.191	ug/l	99
79) 2-Chlorotoluene	11.41	91	482180	53.314	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	602797	54.230	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	93069	54.036	ug/l	99
82) 4-Chlorotoluene	11.49	91	579694	53.591	ug/l	99
83) tert-Butylbenzene	11.76	119	524379	54.713	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	606996	54.259	ug/l	100
85) sec-Butylbenzene	11.93	105	700047	54.214	ug/l	99
86) p-Isopropyltoluene	12.05	119	653479	54.029	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	325471	52.546	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	326873	52.216	ug/l	99
89) n-Butylbenzene	12.37	91	595449	54.486	ug/l	100
90) Hexachloroethane	12.58	117	116894	54.699	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	311373	52.570	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57527	52.806	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	230531	51.856	ug/l	97
94) Hexachlorobutadiene	13.77	225	101428	51.065	ug/l	99
95) Naphthalene	13.82	128	766950	54.699	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	227551	53.158	ug/l	98

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

