

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019457.D
 Acq On : 18 Nov 2020 17:33
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:58:33 AM

Quant Time: Nov 19 03:44:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:47:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	240117	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	411119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	394119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184380	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173180	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
35) Dibromofluoromethane	5.46	113	125849	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
50) Toluene-d8	8.70	98	491959	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
62) 4-Bromofluorobenzene	11.12	95	189757	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	134550	49.883	ug/l	100
3) Chloromethane	1.31	50	158795	47.474	ug/l	99
4) Vinyl Chloride	1.39	62	161357	48.323	ug/l	99
5) Bromomethane	1.62	94	82070	51.493	ug/l	97
6) Chloroethane	1.70	64	104089	94.273	ug/l	100
7) Trichlorofluoromethane	1.90	101	223054	47.725	ug/l	99
8) Diethyl Ether	2.17	74	92654	49.741	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	120694	47.030	ug/l	99
10) Methyl Iodide	2.48	142	153925	48.065	ug/l	100
11) Tert butyl alcohol	3.03	59	192245	274.930	ug/l	98
12) 1,1-Dichloroethene	2.35	96	120107	46.418	ug/l	99
13) Acrolein	2.27	56	116507	232.478	ug/l	99
14) Allyl chloride	2.70	41	226207	49.874	ug/l	100
15) Acrylonitrile	3.11	53	422460	261.991	ug/l	99
16) Acetone	2.42	43	376636	258.826	ug/l	100
17) Carbon Disulfide	2.54	76	348208	49.559	ug/l	99
18) Methyl Acetate	2.75	43	177490	49.584	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	484331	51.774	ug/l	99
20) Methylene Chloride	2.83	84	158371	48.071	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	138885	48.493	ug/l	98
22) Diisopropyl ether	3.82	45	469240	50.706	ug/l	97
23) Vinyl Acetate	3.78	43	2103756	267.925	ug/l	100
24) 1,1-Dichloroethane	3.66	63	262609	48.354	ug/l	99
25) 2-Butanone	4.63	43	583589	268.818	ug/l	98
26) 2,2-Dichloropropane	4.54	77	229924	49.572	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	161666	49.679	ug/l	99
28) Bromochloromethane	4.97	49	122745	47.571	ug/l	99
29) Tetrahydrofuran	5.08	42	368390	263.234	ug/l	100
30) Chloroform	5.17	83	270235	48.791	ug/l	98
31) Cyclohexane	5.54	56	228845	48.428	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	235785	48.787	ug/l	99
36) 1,1-Dichloropropene	5.76	75	200787	48.723	ug/l	100
37) Ethyl Acetate	4.79	43	225103	53.097	ug/l	100
38) Carbon Tetrachloride	5.74	117	200507	49.327	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	234319	50.569	ug/l	97
40) Benzene	6.10	78	602371	49.059	ug/l	100
41) Methacrylonitrile	5.00	41	122457	52.742	ug/l	98
42) 1,2-Dichloroethane	6.15	62	234229	50.203	ug/l	100
43) Isopropyl Acetate	6.41	43	368964	52.513	ug/l	99
44) Trichloroethene	7.18	130	152010	49.105	ug/l	99
45) 1,2-Dichloropropane	7.48	63	157184	49.370	ug/l	99
46) Dibromomethane	7.63	93	107318	51.319	ug/l	99
47) Bromodichloromethane	7.87	83	216916	52.435	ug/l	99
48) Methyl methacrylate	7.74	41	185525	54.660	ug/l	100
49) 1,4-Dioxane	7.71	88	73871	1104.064	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1134437	271.978	ug/l	100
52) Toluene	8.76	92	383609	51.468	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	249049	49.364	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	263781	48.591	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	158312	52.442	ug/l	99
56) Ethyl methacrylate	9.16	69	251599	50.928	ug/l	99
57) 1,3-Dichloropropane	9.35	76	271498	51.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	662016	267.582	ug/l	99
59) 2-Hexanone	9.47	43	862459	273.017	ug/l	100
60) Dibromochloromethane	9.56	129	162312	49.391	ug/l	99
61) 1,2-Dibromoethane	9.65	107	165747	52.968	ug/l	99
64) Tetrachloroethene	9.32	164	144451	46.899	ug/l	96
65) Chlorobenzene	10.12	112	405518	50.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	148384	47.093	ug/l	97
67) Ethyl Benzene	10.23	91	746681	51.105	ug/l	99
68) m/p-Xylenes	10.34	106	551842	103.581	ug/l	100
69) o-Xylene	10.68	106	262437	51.727	ug/l	97
70) Styrene	10.70	104	445815	46.331	ug/l	99
71) Bromoform	10.84	173	111499	46.833	ug/l	99
73) Isopropylbenzene	11.00	105	712250	53.431	ug/l	100
74) N-amyl acetate	10.88	43	310320	55.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	235643	51.225	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	232740m	52.945	ug/l	
77) Bromobenzene	11.24	156	164164	52.267	ug/l	99
78) n-propylbenzene	11.34	91	830034	53.964	ug/l	100
79) 2-Chlorotoluene	11.40	91	494281	52.865	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	608059	53.604	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	80218	49.435	ug/l	98
82) 4-Chlorotoluene	11.49	91	585641	52.506	ug/l	99
83) tert-Butylbenzene	11.75	119	563435	53.999	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	611505	53.921	ug/l	100
85) sec-Butylbenzene	11.93	105	689599	53.889	ug/l	100
86) p-Isopropyltoluene	12.05	119	628915	49.105	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	302179	50.727	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	304515	49.848	ug/l	99
89) n-Butylbenzene	12.37	91	580821	53.503	ug/l	100
90) Hexachloroethane	12.58	117	105284	47.394	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	293274	49.942	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54249	52.124	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	190827	46.368	ug/l	99
94) Hexachlorobutadiene	13.76	225	82303	50.940	ug/l	95
95) Naphthalene	13.82	128	675716	47.960	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	192101	47.252	ug/l	97

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

