

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019453.D
 Acq On : 18 Nov 2020 14:15
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:58:04 AM

Quant Time: Nov 18 16:47:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	213540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	364673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	356879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	171972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	62013	21.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.04%	
35) Dibromofluoromethane	5.46	113	44567	19.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.30%	
50) Toluene-d8	8.70	98	175703	19.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.82%	
62) 4-Bromofluorobenzene	11.12	95	65625	19.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.34%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	47838	25.012	ug/l	100
3) Chloromethane	1.31	50	57915	26.643	ug/l	98
4) Vinyl Chloride	1.39	62	57338	23.519	ug/l	99
5) Bromomethane	1.62	94	27518	17.722	ug/l	97
6) Chloroethane	1.69	64	26648	19.036	ug/l	100
7) Trichlorofluoromethane	1.90	101	79345	21.385	ug/l	98
8) Diethyl Ether	2.17	74	30751	21.476	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	42276	20.561	ug/l	99
10) Methyl Iodide	2.48	142	51277	23.358	ug/l	100
11) Tert butyl alcohol	3.04	59	63754	112.753	ug/l	98
12) 1,1-Dichloroethene	2.35	96	41710	19.782	ug/l	99
13) Acrolein	2.28	56	39949	129.703	ug/l	98
14) Allyl chloride	2.70	41	72802	22.071	ug/l	99
15) Acrylonitrile	3.12	53	136681	113.790	ug/l	99
16) Acetone	2.42	43	119947	118.652	ug/l	99
17) Carbon Disulfide	2.54	76	113785	17.756	ug/l	100
18) Methyl Acetate	2.75	43	58656	23.825	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	154682	20.937	ug/l	100
20) Methylene Chloride	2.83	84	53990	21.872	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	47933	19.732	ug/l	94
22) Diisopropyl ether	3.82	45	155959	23.569	ug/l	99
23) Vinyl Acetate	3.78	43	658401	112.273	ug/l	99
24) 1,1-Dichloroethane	3.67	63	91647	22.575	ug/l	99
25) 2-Butanone	4.64	43	186194	117.242	ug/l	98
26) 2,2-Dichloropropane	4.54	77	74838	19.881	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	53870	19.851	ug/l	100
28) Bromochloromethane	4.98	49	42621	22.758	ug/l	100
29) Tetrahydrofuran	5.09	42	116618	116.749	ug/l	99
30) Chloroform	5.17	83	93433	21.827	ug/l	96
31) Cyclohexane	5.54	56	74228	20.408	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	81060	20.994	ug/l	98
36) 1,1-Dichloropropene	5.76	75	67660	19.719	ug/l	99
37) Ethyl Acetate	4.79	43	72994	22.406	ug/l	100
38) Carbon Tetrachloride	5.75	117	67336	19.426	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	74420	18.308	ug/l	99
40) Benzene	6.11	78	205969	21.037	ug/l	100
41) Methacrylonitrile	5.00	41	37926	21.632	ug/l	97
42) 1,2-Dichloroethane	6.15	62	79157	21.783	ug/l	100
43) Isopropyl Acetate	6.41	43	115544	21.296	ug/l	99
44) Trichloroethene	7.18	130	52120	18.982	ug/l	96
45) 1,2-Dichloropropane	7.49	63	54543	22.484	ug/l	95
46) Dibromomethane	7.63	93	35610	20.170	ug/l	99
47) Bromodichloromethane	7.87	83	69521	20.050	ug/l	96
48) Methyl methacrylate	7.74	41	57395	21.885	ug/l	99
49) 1,4-Dioxane	7.72	88	23978	418.545	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	372202	118.075	ug/l	99
52) Toluene	8.76	92	129632	20.613	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	73976	18.666	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	81854	19.572	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	52661	21.171	ug/l	99
56) Ethyl methacrylate	9.16	69	74335	19.907	ug/l	99
57) 1,3-Dichloropropane	9.35	76	91043	21.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	216033	102.127	ug/l	99
59) 2-Hexanone	9.48	43	280356	116.529	ug/l	98
60) Dibromochloromethane	9.56	129	49517	18.692	ug/l	99
61) 1,2-Dibromoethane	9.65	107	53680	20.263	ug/l	98
64) Tetrachloroethene	9.32	164	52539	19.094	ug/l	99
65) Chlorobenzene	10.12	112	136279	18.560	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	47341	17.868	ug/l	96
67) Ethyl Benzene	10.23	91	241195	18.306	ug/l	98
68) m/p-Xylenes	10.34	106	182712	37.075	ug/l	99
69) o-Xylene	10.68	106	85501	18.288	ug/l	97
70) Styrene	10.70	104	145604	18.269	ug/l	99
71) Bromoform	10.84	173	32744	15.886	ug/l #	99
73) Isopropylbenzene	11.00	105	230337	18.691	ug/l	99
74) N-amyl acetate	10.88	43	92788	20.084	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	79275	20.335	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	76981m	21.100	ug/l	
77) Bromobenzene	11.24	156	54155	18.000	ug/l	100
78) n-propylbenzene	11.34	91	268940	19.065	ug/l	99
79) 2-Chlorotoluene	11.40	91	165176	19.801	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	200794	19.223	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	22740	16.624	ug/l	96
82) 4-Chlorotoluene	11.49	91	196010	19.262	ug/l	99
83) tert-Butylbenzene	11.76	119	178951	18.108	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	200525	19.029	ug/l	98
85) sec-Butylbenzene	11.93	105	223800	18.746	ug/l	100
86) p-Isopropyltoluene	12.05	119	198843	18.107	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	101646	17.964	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	102594	17.383	ug/l	97
89) n-Butylbenzene	12.37	91	177854	17.190	ug/l	99
90) Hexachloroethane	12.58	117	31643	17.132	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	100875	18.477	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16889	17.871	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	59725	14.899	ug/l	99
94) Hexachlorobutadiene	13.76	225	26813	15.143	ug/l	97
95) Naphthalene	13.82	128	206122	16.081	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	60813	15.569	ug/l	99

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

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