

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
 Data File : VX018980.D
 Acq On : 20 Oct 2020 17:19
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 20 18:30:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 18:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	151460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	272001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	257929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	129400	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	38006	18.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.78%	
35) Dibromofluoromethane	5.46	113	31010	17.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.38%	
50) Toluene-d8	8.70	98	123162	17.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.84%	
62) 4-Bromofluorobenzene	11.12	95	46313	18.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	26327	20.138	ug/l	97
3) Chloromethane	1.31	50	30846	21.314	ug/l	99
4) Vinyl Chloride	1.39	62	41724	20.929	ug/l	100
5) Bromomethane	1.63	94	42853	26.066	ug/l	99
6) Chloroethane	1.71	64	30648	20.374	ug/l	99
7) Trichlorofluoromethane	1.92	101	69222	20.374	ug/l	100
8) Diethyl Ether	2.17	74	27673	20.642	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	36197	19.920	ug/l	97
10) Methyl Iodide	2.49	142	29054	17.042	ug/l	97
11) Tert butyl alcohol	3.01	59	45051	103.030	ug/l	100
12) 1,1-Dichloroethene	2.36	96	40622	20.818	ug/l	95
13) Acrolein	2.27	56	22919	87.050	ug/l	98
14) Allyl chloride	2.70	41	39899	19.288	ug/l	98
15) Acrylonitrile	3.11	53	80381	102.918	ug/l	100
16) Acetone	2.42	43	68840	83.840	ug/l	98
17) Carbon Disulfide	2.55	76	81476	19.231	ug/l	99
18) Methyl Acetate	2.75	43	37745	22.766	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	96618	19.360	ug/l	100
20) Methylene Chloride	2.83	84	34181	19.455	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	34201	19.167	ug/l	99
22) Diisopropyl ether	3.82	45	80562	19.410	ug/l	97
23) Vinyl Acetate	3.78	43	381900	96.199	ug/l	98
24) 1,1-Dichloroethane	3.67	63	58195	19.681	ug/l	99
25) 2-Butanone	4.63	43	115239	102.607	ug/l	99
26) 2,2-Dichloropropane	4.54	77	53661	18.797	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	40414	19.441	ug/l	99
28) Bromochloromethane	4.98	49	23303	18.624	ug/l	96
29) Tetrahydrofuran	5.09	42	66292	100.818	ug/l	97
30) Chloroform	5.17	83	63581	19.321	ug/l	99
31) Cyclohexane	5.55	56	46260	19.687	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	56531	19.124	ug/l	99
36) 1,1-Dichloropropene	5.77	75	48387	18.877	ug/l	98
37) Ethyl Acetate	4.79	43	43312	19.714	ug/l	99
38) Carbon Tetrachloride	5.75	117	48227	18.258	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	53090	18.954	ug/l	96
40) Benzene	6.11	78	142246	19.083	ug/l	100
41) Methacrylonitrile	5.01	41	23092	19.092	ug/l	98
42) 1,2-Dichloroethane	6.16	62	50749	19.711	ug/l	98
43) Isopropyl Acetate	6.41	43	74319	19.348	ug/l	98
44) Trichloroethene	7.19	130	37500	17.907	ug/l	98
45) 1,2-Dichloropropane	7.49	63	34762	19.389	ug/l	95
46) Dibromomethane	7.63	93	25558	19.151	ug/l	98
47) Bromodichloromethane	7.87	83	51531	19.244	ug/l	97
48) Methyl methacrylate	7.74	41	34978	19.787	ug/l	97
49) 1,4-Dioxane	7.71	88	18335	413.155	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	230385	102.508	ug/l	98
52) Toluene	8.76	92	94355	19.372	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	57216	18.887	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	60494	18.932	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	37476	19.204	ug/l	97
56) Ethyl methacrylate	9.16	69	56489	19.294	ug/l	94
57) 1,3-Dichloropropane	9.35	76	62454	19.407	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	151019	101.829	ug/l	99
59) 2-Hexanone	9.47	43	178488	102.593	ug/l	98
60) Dibromochloromethane	9.56	129	39527	18.051	ug/l	99
61) 1,2-Dibromoethane	9.65	107	39939	19.100	ug/l	99
64) Tetrachloroethene	9.32	164	33191	15.872	ug/l	94
65) Chlorobenzene	10.12	112	101232	18.525	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	35710	18.037	ug/l	98
67) Ethyl Benzene	10.23	91	181308	18.941	ug/l	98
68) m/p-Xylenes	10.34	106	138945	37.178	ug/l	96
69) o-Xylene	10.68	106	66489	18.803	ug/l	97
70) Styrene	10.70	104	113907	18.867	ug/l	98
71) Bromoform	10.84	173	27780	17.319	ug/l #	99
73) Isopropylbenzene	11.00	105	181013	19.956	ug/l	98
74) N-amyl acetate	10.88	43	59672	19.087	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	62437	21.497	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	56567m	21.523	ug/l	
77) Bromobenzene	11.24	156	42147	18.692	ug/l	93
78) n-propylbenzene	11.34	91	207185	19.846	ug/l	97
79) 2-Chlorotoluene	11.40	91	121379	19.877	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	153235	19.904	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	19687	18.625	ug/l	95
82) 4-Chlorotoluene	11.49	91	148877	20.351	ug/l	96
83) tert-Butylbenzene	11.76	119	148832	19.753	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	157031	20.300	ug/l	97
85) sec-Butylbenzene	11.93	105	179755	19.891	ug/l	98
86) p-Isopropyltoluene	12.05	119	163984	19.664	ug/l	96
87) 1,3-Dichlorobenzene	12.01	146	80686	19.253	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	83626	19.354	ug/l	96
89) n-Butylbenzene	12.37	91	156102	20.509	ug/l	98
90) Hexachloroethane	12.58	117	25208	18.902	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	78626	19.407	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15668	23.468	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	53867	19.396	ug/l	99
94) Hexachlorobutadiene	13.76	225	21037	17.783	ug/l	94
95) Naphthalene	13.82	128	192196	20.789	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	51406	19.364	ug/l	99

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

