

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062420\
 Data File : VX016942.D
 Acq On : 24 Jun 2020 11:38
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 24 12:34:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 12:24:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	207187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	335817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	335715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	156196	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	58643	22.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.46%	
35) Dibromofluoromethane	5.46	113	45272	20.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.90%	
50) Toluene-d8	8.70	98	162316	18.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.96%	
62) 4-Bromofluorobenzene	11.12	95	65019	19.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	39329	16.696	ug/l	98
3) Chloromethane	1.32	50	38948	15.303	ug/l	99
4) Vinyl Chloride	1.39	62	40494	14.598	ug/l	100
5) Bromomethane	1.63	94	29849	17.816	ug/l	97
6) Chloroethane	1.72	64	29694	16.843	ug/l	95
7) Trichlorofluoromethane	1.92	101	73008	18.044	ug/l	95
8) Diethyl Ether	2.17	74	26688	16.965	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38242	17.640	ug/l	100
10) Methyl Iodide	2.49	142	46691	21.283	ug/l	98
11) Tert butyl alcohol	3.01	59	54043	118.447	ug/l	99
12) 1,1-Dichloroethene	2.36	96	38658	17.541	ug/l	98
13) Acrolein	2.28	56	39049	132.460	ug/l	98
14) Allyl chloride	2.71	41	73681	23.378	ug/l	100
15) Acrylonitrile	3.12	53	126676	123.054	ug/l	100
16) Acetone	2.42	43	104404	107.710	ug/l	98
17) Carbon Disulfide	2.55	76	116986	19.666	ug/l	98
18) Methyl Acetate	2.75	43	50238	21.018	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	144085	21.946	ug/l	100
20) Methylene Chloride	2.84	84	46362	20.624	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	46550	21.634	ug/l	97
22) Diisopropyl ether	3.83	45	154922	25.459	ug/l	94
23) Vinyl Acetate	3.79	43	666477	131.049	ug/l	99
24) 1,1-Dichloroethane	3.67	63	84423	22.967	ug/l	97
25) 2-Butanone	4.64	43	181711	134.481	ug/l	99
26) 2,2-Dichloropropane	4.56	77	77800	22.912	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	53902	22.266	ug/l	99
28) Bromochloromethane	4.98	49	37306	24.140	ug/l	99
29) Tetrahydrofuran	5.09	42	122150	141.989	ug/l	98
30) Chloroform	5.18	83	92338	23.907	ug/l	95
31) Cyclohexane	5.56	56	77630	23.825	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	83209	22.922	ug/l	99
36) 1,1-Dichloropropene	5.78	75	65151	20.636	ug/l	98
37) Ethyl Acetate	4.80	43	76003	26.311	ug/l	99
38) Carbon Tetrachloride	5.76	117	70741	20.195	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	73822	20.533	ug/l	99
40) Benzene	6.12	78	195603	20.771	ug/l	96
41) Methacrylonitrile	5.00	41	41405	26.316	ug/l	99
42) 1,2-Dichloroethane	6.16	62	70786	20.765	ug/l	99
43) Isopropyl Acetate	6.42	43	120216	24.202	ug/l	98
44) Trichloroethene	7.19	130	51735	18.945	ug/l	95
45) 1,2-Dichloropropane	7.49	63	47103	19.749	ug/l	96
46) Dibromomethane	7.64	93	36052	22.322	ug/l	98
47) Bromodichloromethane	7.88	83	72231	20.980	ug/l	100
48) Methyl methacrylate	7.75	41	57156	24.067	ug/l	98
49) 1,4-Dioxane	7.71	88	24685	476.291	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	375411	124.795	ug/l	100
52) Toluene	8.76	92	123481	19.887	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	81243	21.493	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	85228	21.132	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	49991	21.535	ug/l	97
56) Ethyl methacrylate	9.16	69	72320	21.458	ug/l	99
57) 1,3-Dichloropropane	9.35	76	84642	21.314	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	197507	120.937	ug/l	98
59) 2-Hexanone	9.47	43	245606	112.288	ug/l	100
60) Dibromochloromethane	9.57	129	53416	19.298	ug/l	98
61) 1,2-Dibromoethane	9.65	107	52939	20.841	ug/l	97
64) Tetrachloroethene	9.32	164	45736	15.148	ug/l	96
65) Chlorobenzene	10.12	112	130742	19.070	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	45056	16.905	ug/l	98
67) Ethyl Benzene	10.24	91	211160	17.956	ug/l	98
68) m/p-Xylenes	10.34	106	176306	38.785	ug/l	98
69) o-Xylene	10.68	106	75922	17.989	ug/l	99
70) Styrene	10.70	104	131622	18.306	ug/l	99
71) Bromoform	10.84	173	32566	14.682	ug/l #	98
73) Isopropylbenzene	11.00	105	214084	20.947	ug/l	99
74) N-amyl acetate	10.88	43	96152	25.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	69288	23.245	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	66782m	22.507	ug/l	
77) Bromobenzene	11.24	156	54698	19.979	ug/l	98
78) n-propylbenzene	11.34	91	259620	22.548	ug/l	99
79) 2-Chlorotoluene	11.40	91	153913	21.866	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	185814	21.170	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	25417	20.846	ug/l	97
82) 4-Chlorotoluene	11.49	91	181220	21.528	ug/l	99
83) tert-Butylbenzene	11.76	119	173766	19.941	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	195062	21.531	ug/l	99
85) sec-Butylbenzene	11.93	105	196187	19.323	ug/l	100
86) p-Isopropyltoluene	12.05	119	193862	21.061	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	96574	19.398	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	96211	18.983	ug/l	97
89) n-Butylbenzene	12.37	91	168817	20.993	ug/l	99
90) Hexachloroethane	12.58	117	32317	19.229	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	91780	18.912	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17374	24.906	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	56874	18.077	ug/l	98
94) Hexachlorobutadiene	13.77	225	21392	15.334	ug/l	97
95) Naphthalene	13.82	128	206428	21.584	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	51029	16.447	ug/l	98

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

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