

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062420\
 Data File : VX016946.D
 Acq On : 24 Jun 2020 17:20
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062420

Quant Time: Jun 25 05:19:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 13:10:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	205275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	355024	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	271533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	163963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	145305	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
35) Dibromofluoromethane	5.46	113	111341	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
50) Toluene-d8	8.70	98	378212	42.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.72%	
62) 4-Bromofluorobenzene	11.12	95	144357	41.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	92380	47.069	ug/l	99
3) Chloromethane	1.31	50	110223	49.797	ug/l	96
4) Vinyl Chloride	1.39	62	117852	53.861	ug/l	99
5) Bromomethane	1.62	94	84565	70.157	ug/l	96
6) Chloroethane	1.71	64	79869	49.248	ug/l	100
7) Trichlorofluoromethane	1.92	101	198268	51.621	ug/l	100
8) Diethyl Ether	2.17	74	73610	52.835	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	110469	52.801	ug/l	99
10) Methyl Iodide	2.49	142	139439	51.278	ug/l	97
11) Tert butyl alcohol	3.01	59	129751	214.045	ug/l	99
12) 1,1-Dichloroethene	2.36	96	106408	50.690	ug/l	94
13) Acrolein	2.27	56	80473	185.828	ug/l	96
14) Allyl chloride	2.70	41	197612	45.075	ug/l	97
15) Acrylonitrile	3.11	53	309815	216.634	ug/l	99
16) Acetone	2.42	43	265318	219.487	ug/l	96
17) Carbon Disulfide	2.55	76	315968	46.306	ug/l	100
18) Methyl Acetate	2.75	43	127547	41.276	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	409700	50.069	ug/l	100
20) Methylene Chloride	2.83	84	125097	48.400	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	124087	46.960	ug/l	95
22) Diisopropyl ether	3.82	45	477843	55.962	ug/l #	83
23) Vinyl Acetate	3.78	43	2062980	280.209	ug/l	100
24) 1,1-Dichloroethane	3.67	63	255505	53.367	ug/l	98
25) 2-Butanone	4.63	43	478115	248.269	ug/l	99
26) 2,2-Dichloropropane	4.55	77	238052	56.841	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	155886	54.064	ug/l	99
28) Bromochloromethane	4.98	49	92428	44.777	ug/l	99
29) Tetrahydrofuran	5.09	42	293814	226.392	ug/l	98
30) Chloroform	5.17	83	257190	52.533	ug/l	96
31) Cyclohexane	5.54	56	232971	57.845	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	229772	53.505	ug/l	99
36) 1,1-Dichloropropene	5.76	75	201118	57.100	ug/l	99
37) Ethyl Acetate	4.79	43	177153	44.168	ug/l	100
38) Carbon Tetrachloride	5.75	117	212901	55.593	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	219294	55.158	ug/l	98
40) Benzene	6.11	78	510641	49.391	ug/l	98
41) Methacrylonitrile	5.00	41	103175	47.952	ug/l	99
42) 1,2-Dichloroethane	6.15	62	214232	52.553	ug/l	99
43) Isopropyl Acetate	6.41	43	291791	43.566	ug/l	99
44) Trichloroethene	7.19	130	144699	52.777	ug/l	95
45) 1,2-Dichloropropane	7.49	63	148356	54.272	ug/l	99
46) Dibromomethane	7.63	93	100665	53.704	ug/l	99
47) Bromodichloromethane	7.87	83	205265	53.364	ug/l	98
48) Methyl methacrylate	7.74	41	141637	47.479	ug/l	98
49) 1,4-Dioxane	7.71	88	55639	820.656	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1005571	260.766	ug/l	99
52) Toluene	8.76	92	350167	54.831	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	255349	57.631	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	255859	57.188	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	142364	53.931	ug/l	99
56) Ethyl methacrylate	9.16	69	227853	57.483	ug/l	99
57) 1,3-Dichloropropane	9.35	76	250099	54.913	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	87859	43.439	ug/l	98
59) 2-Hexanone	9.47	43	657114	232.546	ug/l	100
60) Dibromochloromethane	9.56	129	150631	51.911	ug/l	100
61) 1,2-Dibromoethane	9.65	107	152641	54.631	ug/l	98
64) Tetrachloroethene	9.32	164	139659	70.248	ug/l	96
65) Chlorobenzene	10.12	112	315339	55.787	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	121622	56.370	ug/l	100
67) Ethyl Benzene	10.23	91	568974	57.477	ug/l	99
68) m/p-Xylenes	10.34	106	435242	116.589	ug/l	95
69) o-Xylene	10.68	106	209835	60.892	ug/l	95
70) Styrene	10.70	104	356314	59.602	ug/l	99
71) Bromoform	10.84	173	100460	63.624	ug/l	98
73) Isopropylbenzene	11.00	105	576010	48.836	ug/l	99
74) N-amyl acetate	10.88	43	266304	46.241	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	175686	45.900	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	172785m	45.699	ug/l	
77) Bromobenzene	11.24	156	145873	49.605	ug/l	94
78) n-propylbenzene	11.34	91	705732	50.261	ug/l	100
79) 2-Chlorotoluene	11.40	91	417211	49.970	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	524436	52.755	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	69183	46.217	ug/l	98
82) 4-Chlorotoluene	11.49	91	516489	51.722	ug/l	100
83) tert-Butylbenzene	11.76	119	562649	58.906	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	596601	57.934	ug/l	100
85) sec-Butylbenzene	11.93	105	699714	61.068	ug/l	100
86) p-Isopropyltoluene	12.05	119	619209	59.800	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	295901	54.783	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	315268	57.958	ug/l	100
89) n-Butylbenzene	12.37	91	547090	58.098	ug/l	100
90) Hexachloroethane	12.58	117	115754	56.735	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	264965	52.084	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49883	50.145	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	185407	57.286	ug/l	99
94) Hexachlorobutadiene	13.76	225	71622	58.304	ug/l	93
95) Naphthalene	13.82	128	646330	57.011	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	184897	58.565	ug/l	100

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

