

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062420\
 Data File : VX016943.D
 Acq On : 24 Jun 2020 12:01
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 24 12:35:55 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	189704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	323745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	306635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	151153	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	140093	57.99	ug/l	0.00
Spiked Amount						
			Recovery	=	115.98%	
35) Dibromofluoromethane	5.47	113	103785	49.81	ug/l	0.00
Spiked Amount						
			Recovery	=	99.62%	
50) Toluene-d8	8.70	98	388606	47.13	ug/l	0.00
Spiked Amount						
			Recovery	=	94.26%	
62) 4-Bromofluorobenzene	11.12	95	157221	48.96	ug/l	0.00
Spiked Amount						
			Recovery	=	97.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	78981	36.620	ug/l	100
3) Chloromethane	1.31	50	102525	43.997	ug/l	100
4) Vinyl Chloride	1.39	62	108042	42.539	ug/l	100
5) Bromomethane	1.62	94	66032	43.045	ug/l	100
6) Chloroethane	1.71	64	75241	46.611	ug/l	100
7) Trichlorofluoromethane	1.92	101	189287	51.094	ug/l	100
8) Diethyl Ether	2.17	74	69790	48.453	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	100726	50.744	ug/l	100
10) Methyl Iodide	2.49	142	133727	66.575	ug/l	100
11) Tert butyl alcohol	3.01	59	137165	328.332	ug/l	100
12) 1,1-Dichloroethene	2.36	96	100689	49.898	ug/l	100
13) Acrolein	2.27	56	103544	383.605	ug/l	100
14) Allyl chloride	2.71	41	196976	68.257	ug/l	100
15) Acrylonitrile	3.12	53	314087	333.225	ug/l	100
16) Acetone	2.42	43	275614	310.546	ug/l	100
17) Carbon Disulfide	2.55	76	314321	57.708	ug/l	100
18) Methyl Acetate	2.75	43	134558	61.484	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	370056	61.559	ug/l	100
20) Methylene Chloride	2.84	84	118381	57.514	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	113588	57.654	ug/l	100
22) Diisopropyl ether	3.83	45	394522	70.809	ug/l	100
23) Vinyl Acetate	3.79	43	1742289	374.158	ug/l	100
24) 1,1-Dichloroethane	3.67	63	211342	62.793	ug/l	100
25) 2-Butanone	4.64	43	442236	357.454	ug/l	100
26) 2,2-Dichloropropane	4.56	77	184667	59.395	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	128062	57.775	ug/l	100
28) Bromochloromethane	4.98	49	90707	64.104	ug/l	100
29) Tetrahydrofuran	5.09	42	294801	374.262	ug/l	100
30) Chloroform	5.18	83	217466	61.493	ug/l	100
31) Cyclohexane	5.55	56	185793	62.276	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	199392	59.989	ug/l	100
36) 1,1-Dichloropropene	5.77	75	161054	52.914	ug/l	100
37) Ethyl Acetate	4.80	43	175461	63.006	ug/l	100
38) Carbon Tetrachloride	5.76	117	173140	51.271	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	183891	53.056	ug/l	100
40) Benzene	6.12	78	464869	51.204	ug/l	100
41) Methacrylonitrile	5.00	41	98164	64.717	ug/l	100
42) 1,2-Dichloroethane	6.16	62	183156	55.731	ug/l	100
43) Isopropyl Acetate	6.42	43	295824	61.776	ug/l	100
44) Trichloroethene	7.19	130	124276	47.206	ug/l	100
45) 1,2-Dichloropropane	7.49	63	124191	54.013	ug/l	100
46) Dibromomethane	7.64	93	83511	53.635	ug/l	100
47) Bromodichloromethane	7.88	83	177918	53.605	ug/l	100
48) Methyl methacrylate	7.74	41	144251	63.006	ug/l	100
49) 1,4-Dioxane	7.71	88	58978	1180.400	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	895354	308.733	ug/l	100
52) Toluene	8.76	92	295408	49.351	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	198764	54.544	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	206597	53.136	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	117601	52.548	ug/l	100
56) Ethyl methacrylate	9.16	69	189181	58.226	ug/l	100
57) 1,3-Dichloropropane	9.35	76	208210	54.385	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	509425	323.561	ug/l	100
59) 2-Hexanone	9.47	43	682595	323.710	ug/l	100
60) Dibromochloromethane	9.57	129	138121	51.762	ug/l	100
61) 1,2-Dibromoethane	9.65	107	127651	52.127	ug/l	100
64) Tetrachloroethene	9.32	164	110933	40.226	ug/l	100
65) Chlorobenzene	10.12	112	317875	50.762	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	121536	49.925	ug/l	100
67) Ethyl Benzene	10.24	91	577760	53.788	ug/l	100
68) m/p-Xylenes	10.34	106	424073	102.137	ug/l	100
69) o-Xylene	10.68	106	203906	52.897	ug/l	100
70) Styrene	10.70	104	359641	54.764	ug/l	100
71) Bromoform	10.84	173	94404	46.598	ug/l #	100
73) Isopropylbenzene	11.00	105	559966	56.618	ug/l	100
74) N-amyl acetate	10.88	43	278404	75.097	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	177013	61.365	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	174197m	60.667	ug/l	
77) Bromobenzene	11.24	156	135662	51.205	ug/l	100
78) n-propylbenzene	11.34	91	665233	59.702	ug/l	100
79) 2-Chlorotoluene	11.40	91	398192	58.458	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	474591	55.876	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	68738	58.256	ug/l	100
82) 4-Chlorotoluene	11.49	91	467597	57.401	ug/l	100
83) tert-Butylbenzene	11.76	119	455185	53.980	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	484978	55.318	ug/l	100
85) sec-Butylbenzene	11.93	105	539801	54.941	ug/l	100
86) p-Isopropyltoluene	12.05	119	493439	55.394	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	236855	49.163	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	242949	49.534	ug/l	100
89) n-Butylbenzene	12.37	91	455103	58.483	ug/l	100
90) Hexachloroethane	12.58	117	96560	59.371	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	232801	49.571	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42554	63.038	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	147620	48.486	ug/l	100
94) Hexachlorobutadiene	13.77	225	54448	40.331	ug/l	100
95) Naphthalene	13.82	128	524382	56.659	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	148410	49.429	ug/l	100

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

