

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031820\
 Data File : VX015324.D
 Acq On : 18 Mar 2020 13:47
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/19/2020 12:00:53 PM

Quant Time: Mar 18 14:36:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	544215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	979294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	948242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	454848	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	330776	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
35) Dibromofluoromethane	5.48	113	309786	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
50) Toluene-d8	8.71	98	1180951	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	450804	52.80	ug/l	0.00
Spiked Amount			Recovery	=	105.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	282170	57.158	ug/l	100
3) Chloromethane	1.32	50	305251	45.434	ug/l	100
4) Vinyl Chloride	1.40	62	324577	47.496	ug/l	100
5) Bromomethane	1.64	94	109779	28.549	ug/l	100
6) Chloroethane	1.72	64	196422	47.947	ug/l	100
7) Trichlorofluoromethane	1.92	101	423415	51.434	ug/l	100
8) Diethyl Ether	2.18	74	175531	47.879	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	280749	53.771	ug/l	100
10) Methyl Iodide	2.50	142	314617	54.256	ug/l	100
11) Tert butyl alcohol	3.04	59	322958	278.166	ug/l	100
12) 1,1-Dichloroethene	2.37	96	289473	53.526	ug/l	100
13) Acrolein	2.28	56	287417	266.190	ug/l	100
14) Allyl chloride	2.72	41	485763	52.111	ug/l	100
15) Acrylonitrile	3.13	53	858838	296.582	ug/l	100
16) Acetone	2.44	43	607190	234.071	ug/l	100
17) Carbon Disulfide	2.56	76	829520	55.038	ug/l	100
18) Methyl Acetate	2.76	43	336329	51.684	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1001987	58.622	ug/l	100
20) Methylene Chloride	2.85	84	367193	57.373	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	368041	61.773	ug/l	100
22) Diisopropyl ether	3.84	45	1041915	55.580	ug/l	100
23) Vinyl Acetate	3.80	43	4292005	280.025	ug/l	100
24) 1,1-Dichloroethane	3.69	63	595199	56.617	ug/l	100
25) 2-Butanone	4.66	43	1055341	272.351	ug/l	100
26) 2,2-Dichloropropane	4.58	77	453915	54.835	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	396749	60.029	ug/l	100
28) Bromochloromethane	5.01	49	250759	53.365	ug/l	100
29) Tetrahydrofuran	5.11	42	700992	277.887	ug/l	100
30) Chloroform	5.20	83	596697	57.907	ug/l	100
31) Cyclohexane	5.58	56	528417	56.228	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	517047	60.204	ug/l	100
36) 1,1-Dichloropropene	5.79	75	453595	49.882	ug/l	100
37) Ethyl Acetate	4.82	43	419358	50.548	ug/l	100
38) Carbon Tetrachloride	5.78	117	442196	51.370	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	565881	52.991	ug/l	100
40) Benzene	6.14	78	1411568	52.086	ug/l	100
41) Methacrylonitrile	5.03	41	226455	45.644	ug/l	100
42) 1,2-Dichloroethane	6.18	62	423230	46.514	ug/l	100
43) Isopropyl Acetate	6.43	43	663158	45.805	ug/l	100
44) Trichloroethene	7.21	130	369827	49.425	ug/l	100
45) 1,2-Dichloropropane	7.51	63	344891	49.667	ug/l	100
46) Dibromomethane	7.65	93	231896	50.831	ug/l	100
47) Bromodichloromethane	7.89	83	457380	50.942	ug/l	100
48) Methyl methacrylate	7.76	41	331992	45.018	ug/l	100
49) 1,4-Dioxane	7.74	88	172448	1045.118	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2066808	240.396	ug/l	100
52) Toluene	8.78	92	882922	53.278	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	490781	51.673	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	563928	52.166	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	360911	52.784	ug/l	100
56) Ethyl methacrylate	9.17	69	513566	53.283	ug/l	100
57) 1,3-Dichloropropane	9.37	76	591392	51.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1326861	253.299	ug/l	100
59) 2-Hexanone	9.48	43	1554672	244.400	ug/l	100
60) Dibromochloromethane	9.57	129	370849	51.978	ug/l	100
61) 1,2-Dibromoethane	9.67	107	384252	53.246	ug/l	100
64) Tetrachloroethene	9.33	164	335330	43.658	ug/l	100
65) Chlorobenzene	10.14	112	994229	51.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	352355	49.042	ug/l	100
67) Ethyl Benzene	10.25	91	1727548	52.991	ug/l	100
68) m/p-Xylenes	10.35	106	1341218	107.881	ug/l	100
69) o-Xylene	10.70	106	641083	53.842	ug/l	100
70) Styrene	10.71	104	1110943	54.425	ug/l	100
71) Bromoform	10.85	173	257236	46.981	ug/l	100
73) Isopropylbenzene	11.01	105	1697658	57.179	ug/l	100
74) N-amyl acetate	10.89	43	599057	49.441	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	519133	52.691	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	411279m	46.030	ug/l	
77) Bromobenzene	11.25	156	402493	49.442	ug/l	100
78) n-propylbenzene	11.35	91	1867904	55.482	ug/l	100
79) 2-Chlorotoluene	11.42	91	1095265	54.300	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1362227	55.436	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	177477	54.496	ug/l	100
82) 4-Chlorotoluene	11.51	91	1285821	54.011	ug/l	100
83) tert-Butylbenzene	11.76	119	1321894	55.504	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1432122	57.521	ug/l	100
85) sec-Butylbenzene	11.94	105	1685333	58.132	ug/l	100
86) p-Isopropyltoluene	12.06	119	1522679	57.347	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	763011	52.778	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	751940	50.509	ug/l	100
89) n-Butylbenzene	12.38	91	1385359	58.478	ug/l	100
90) Hexachloroethane	12.59	117	270807	53.947	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	768828	53.197	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	102588	52.600	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	460544	47.437	ug/l	100
94) Hexachlorobutadiene	13.77	225	181740	37.623	ug/l	100
95) Naphthalene	13.83	128	1674424	60.725	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	460353	47.617	ug/l	100

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

