

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050420\
 Data File : VX016032.D
 Acq On : 04 May 2020 12:47
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:22 AM

Quant Time: May 04 13:35:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 13:19:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	317859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	508114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	467446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235544	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	195772	40.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.84%	
35) Dibromofluoromethane	5.47	113	151752	42.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.50%	
50) Toluene-d8	8.70	98	592049	44.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.46%	
62) 4-Bromofluorobenzene	11.12	95	225256	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	171753	51.287	ug/l	100
3) Chloromethane	1.31	50	193068	48.198	ug/l	100
4) Vinyl Chloride	1.39	62	204829	48.544	ug/l	100
5) Bromomethane	1.62	94	101770	39.769	ug/l	100
6) Chloroethane	1.70	64	128696	48.666	ug/l	100
7) Trichlorofluoromethane	1.91	101	274078	49.677	ug/l	100
8) Diethyl Ether	2.17	74	112562	48.189	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	157506	49.609	ug/l	100
10) Methyl Iodide	2.49	142	221031	54.473	ug/l	100
11) Tert butyl alcohol	3.02	59	264097	255.012	ug/l	100
12) 1,1-Dichloroethene	2.36	96	163113	49.031	ug/l	100
13) Acrolein	2.27	56	161449	254.344	ug/l	100
14) Allyl chloride	2.71	41	300107	49.394	ug/l	100
15) Acrylonitrile	3.12	53	542693	248.156	ug/l	100
16) Acetone	2.42	43	461477	246.131	ug/l	100
17) Carbon Disulfide	2.55	76	496738	41.770	ug/l	100
18) Methyl Acetate	2.75	43	225918	48.907	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	572072	50.426	ug/l	100
20) Methylene Chloride	2.84	84	183152	46.272	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	174753	46.743	ug/l	100
22) Diisopropyl ether	3.82	45	566210	49.364	ug/l	100
23) Vinyl Acetate	3.79	43	2561097	257.946	ug/l	100
24) 1,1-Dichloroethane	3.67	63	316536	49.483	ug/l	100
25) 2-Butanone	4.64	43	763762	257.833	ug/l	100
26) 2,2-Dichloropropane	4.55	77	284491	48.063	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	198145	49.241	ug/l	100
28) Bromochloromethane	4.98	49	140608	48.518	ug/l	100
29) Tetrahydrofuran	5.09	42	501702	254.339	ug/l	100
30) Chloroform	5.18	83	317320	49.781	ug/l	100
31) Cyclohexane	5.55	56	293438	49.162	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	287930	49.754	ug/l	100
36) 1,1-Dichloropropene	5.77	75	242823	47.877	ug/l	100
37) Ethyl Acetate	4.80	43	291261	50.429	ug/l	100
38) Carbon Tetrachloride	5.76	117	252485	49.538	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	298781	49.398	ug/l	100
40) Benzene	6.12	78	719651	48.483	ug/l	100
41) Methacrylonitrile	5.01	41	158045	50.668	ug/l	100
42) 1,2-Dichloroethane	6.17	62	258724	48.251	ug/l	100
43) Isopropyl Acetate	6.42	43	462232	50.294	ug/l	100
44) Trichloroethene	7.19	130	248672	45.305	ug/l	100
45) 1,2-Dichloropropane	7.49	63	185153	49.672	ug/l	100
46) Dibromomethane	7.64	93	123715	48.809	ug/l	100
47) Bromodichloromethane	7.88	83	258890	50.872	ug/l	100
48) Methyl methacrylate	7.74	41	220544	50.998	ug/l	100
49) 1,4-Dioxane	7.71	88	104907	1002.962	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1457309	260.443	ug/l	100
52) Toluene	8.77	92	456255	49.890	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	302910	49.746	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	317865	49.685	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	180858	50.608	ug/l	100
56) Ethyl methacrylate	9.16	69	301385	53.305	ug/l	100
57) 1,3-Dichloropropane	9.35	76	312676	49.646	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	787324	255.632	ug/l	100
59) 2-Hexanone	9.48	43	1136262	259.122	ug/l	100
60) Dibromochloromethane	9.57	129	203668	52.892	ug/l	100
61) 1,2-Dibromoethane	9.65	107	198506	51.368	ug/l	100
64) Tetrachloroethene	9.32	164	280455	47.245	ug/l	100
65) Chlorobenzene	10.12	112	484943	48.927	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	182488	50.606	ug/l	100
67) Ethyl Benzene	10.24	91	879425	49.877	ug/l	100
68) m/p-Xylenes	10.34	106	669043	102.168	ug/l	100
69) o-Xylene	10.68	106	320417	51.126	ug/l	100
70) Styrene	10.70	104	551773	52.884	ug/l	100
71) Bromoform	10.84	173	154402	55.025	ug/l	100
73) Isopropylbenzene	11.00	105	860468	49.185	ug/l	100
74) N-amyl acetate	10.88	43	402416	50.294	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	167010	65.404	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	268659m	39.043	ug/l	
77) Bromobenzene	11.24	156	214650	47.479	ug/l	100
78) n-propylbenzene	11.35	91	985975	48.578	ug/l	100
79) 2-Chlorotoluene	11.41	91	575325	47.925	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	722860	49.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	114459	51.981	ug/l	100
82) 4-Chlorotoluene	11.49	91	683795	48.526	ug/l	100
83) tert-Butylbenzene	11.76	119	616293	49.126	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	729152	49.404	ug/l	100
85) sec-Butylbenzene	11.93	105	837752	49.231	ug/l	100
86) p-Isopropyltoluene	12.05	119	782966	49.742	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	383128	47.158	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	388338	47.742	ug/l	100
89) n-Butylbenzene	12.37	91	697349	48.688	ug/l	100
90) Hexachloroethane	12.58	117	136745	52.276	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	369040	47.348	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	68478	48.654	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	266264	46.325	ug/l	100
94) Hexachlorobutadiene	13.77	225	122087	45.223	ug/l	100
95) Naphthalene	13.82	128	903171	48.806	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	268476	47.738	ug/l	100

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

