

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112619\
 Data File : VX013600.D
 Acq On : 26 Nov 2019 14:41
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
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apatel
 11/27/2019 2:07:44 PM

Quant Time: Nov 26 15:19:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	716156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1097596	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1000472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	496912	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	393406	46.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.88%	
35) Dibromofluoromethane	5.49	113	321159	47.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.48%	
50) Toluene-d8	8.71	98	1247472	48.58	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.14	95	448440	48.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	403205	49.405	ug/l	100
3) Chloromethane	1.31	50	442757	49.833	ug/l	100
4) Vinyl Chloride	1.40	62	511591	50.678	ug/l	100
5) Bromomethane	1.63	94	310569	44.847	ug/l	100
6) Chloroethane	1.71	64	271125	42.231	ug/l	100
7) Trichlorofluoromethane	1.92	101	527928	44.665	ug/l	100
8) Diethyl Ether	2.18	74	243713	46.474	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	323134	48.356	ug/l	100
10) Methyl Iodide	2.50	142	432133	52.091	ug/l	100
11) Tert butyl alcohol	3.03	59	472499	215.038	ug/l	100
12) 1,1-Dichloroethene	2.36	96	331047	50.506	ug/l	100
13) Acrolein	2.28	56	340061	275.745	ug/l	100
14) Allyl chloride	2.72	41	606803	50.805	ug/l	100
15) Acrylonitrile	3.13	53	1037632	250.742	ug/l	100
16) Acetone	2.43	43	1002498	239.993	ug/l	100
17) Carbon Disulfide	2.56	76	922290	52.233	ug/l	100
18) Methyl Acetate	2.76	43	578278	49.921	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1104781	50.710	ug/l	100
20) Methylene Chloride	2.84	84	369213	47.391	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	355040	49.760	ug/l	100
22) Diisopropyl ether	3.84	45	1173948	51.164	ug/l	100
23) Vinyl Acetate	3.80	43	4942600	252.555	ug/l	100
24) 1,1-Dichloroethane	3.69	63	635033	49.460	ug/l	100
25) 2-Butanone	4.65	43	1533423	249.802	ug/l	100
26) 2,2-Dichloropropane	4.57	77	520724	50.773	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	408534	51.072	ug/l	100
28) Bromochloromethane	5.00	49	257686	66.132	ug/l	100
29) Tetrahydrofuran	5.11	42	953282	252.586	ug/l	100
30) Chloroform	5.20	83	627897	49.591	ug/l	100
31) Cyclohexane	5.57	56	587473	50.449	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	533231	49.045	ug/l	100
36) 1,1-Dichloropropene	5.79	75	482023	51.386	ug/l	100
37) Ethyl Acetate	4.82	43	567777	49.360	ug/l	100
38) Carbon Tetrachloride	5.78	117	456075	50.042	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	592476	50.468	ug/l	100
40) Benzene	6.13	78	1459663	49.923	ug/l	100
41) Methacrylonitrile	5.03	41	314012	48.702	ug/l	100
42) 1,2-Dichloroethane	6.18	62	500064	48.053	ug/l	100
43) Isopropyl Acetate	6.43	43	908463	50.620	ug/l	100
44) Trichloroethene	7.20	130	399797	49.592	ug/l	100
45) 1,2-Dichloropropane	7.51	63	371749	49.985	ug/l	100
46) Dibromomethane	7.65	93	245652	48.608	ug/l	100
47) Bromodichloromethane	7.89	83	485015	50.801	ug/l	100
48) Methyl methacrylate	7.76	41	455734	51.063	ug/l	100
49) 1,4-Dioxane	7.73	88	196486	963.901	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2885155	246.526	ug/l	100
52) Toluene	8.78	92	918004	50.644	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	556300	53.086	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	611858	52.100	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	371803	49.698	ug/l	100
56) Ethyl methacrylate	9.17	69	608880	52.575	ug/l	100
57) 1,3-Dichloropropane	9.37	76	629748	49.580	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1182726	236.304	ug/l	100
59) 2-Hexanone	9.48	43	2263036	250.295	ug/l	100
60) Dibromochloromethane	9.58	129	398494	52.059	ug/l	100
61) 1,2-Dibromoethane	9.67	107	392821	49.577	ug/l	100
64) Tetrachloroethene	9.33	164	346087	48.486	ug/l	100
65) Chlorobenzene	10.14	112	981325	48.619	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	366123	49.506	ug/l	100
67) Ethyl Benzene	10.25	91	1761569	50.511	ug/l	100
68) m/p-Xylenes	10.35	106	1331054	101.180	ug/l	100
69) o-Xylene	10.70	106	653528	50.542	ug/l	100
70) Styrene	10.71	104	1114189	51.689	ug/l	100
71) Bromoform	10.85	173	311114	51.988	ug/l	100
73) Isopropylbenzene	11.01	105	1710980	51.856	ug/l	100
74) N-amyl acetate	10.89	43	816996	53.665	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	594461	49.665	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	560106m	54.170	ug/l	
77) Bromobenzene	11.25	156	450806	51.253	ug/l	100
78) n-propylbenzene	11.35	91	1934533	52.747	ug/l	100
79) 2-Chlorotoluene	11.42	91	1131554	51.218	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1418681	51.782	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	205619	52.504	ug/l	100
82) 4-Chlorotoluene	11.51	91	1312902	50.810	ug/l	100
83) tert-Butylbenzene	11.77	119	1433878	52.085	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	1430508	52.105	ug/l	100
85) sec-Butylbenzene	11.94	105	1643776	51.828	ug/l	100
86) p-Isopropyltoluene	12.06	119	1527398	52.346	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	790900	50.589	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	780485	49.051	ug/l	100
89) n-Butylbenzene	12.39	91	1317959	51.932	ug/l	100
90) Hexachloroethane	12.59	117	270998	52.055	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	788819	50.448	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	133165	46.122	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	551326	50.665	ug/l	100
94) Hexachlorobutadiene	13.78	225	247545	46.937	ug/l	100
95) Naphthalene	13.83	128	1723632	51.090	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	541798	49.905	ug/l	100

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

