

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100319\
 Data File : VX012799.D
 Acq On : 03 Oct 2019 21:16
 Operator : JC/SP
 Sample : K5157-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0539MSD

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:19:25 AM

Quant Time: Oct 04 07:51:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278669	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249813	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114862	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	113272	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
35) Dibromofluoromethane	5.49	113	88075	53.07	ug/l	0.00
Spiked Amount			Recovery	=	106.14%	
50) Toluene-d8	8.71	98	323489	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	126730	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	70171	38.635	ug/l	99
3) Chloromethane	1.32	50	85005	40.758	ug/l	99
4) Vinyl Chloride	1.40	62	91513	44.145	ug/l	94
5) Bromomethane	1.62	94	30109	36.941	ug/l	95
6) Chloroethane	1.71	64	57423	41.090	ug/l	94
7) Trichlorofluoromethane	1.92	101	126307	43.397	ug/l	98
8) Diethyl Ether	2.18	74	52734	44.212	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77318	43.615	ug/l	97
10) Methyl Iodide	2.50	142	81873	44.450	ug/l	93
11) Tert butyl alcohol	3.04	59	130393	222.022	ug/l	99
12) 1,1-Dichloroethene	2.36	96	80194	46.198	ug/l	99
13) Acrolein	2.28	56	78891	241.501	ug/l	98
14) Allyl chloride	2.72	41	147821	42.922	ug/l	96
15) Acrylonitrile	3.13	53	277663	233.036	ug/l	99
16) Acetone	2.44	43	237082	190.384	ug/l	96
17) Carbon Disulfide	2.56	76	203411	41.799	ug/l	100
18) Methyl Acetate	2.76	43	127489	43.479	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	306353	46.626	ug/l	99
20) Methylene Chloride	2.84	84	96968	46.039	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	92918	48.317	ug/l	97
22) Diisopropyl ether	3.84	45	300812	45.203	ug/l	99
23) Vinyl Acetate	3.80	43	1264144	216.618	ug/l	98
24) 1,1-Dichloroethane	3.69	63	168826	46.672	ug/l	99
25) 2-Butanone	4.66	43	383710	214.897	ug/l	95
26) 2,2-Dichloropropane	4.57	77	114052	35.451	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	108749	48.736	ug/l	89
28) Bromochloromethane	5.00	49	64707	49.265	ug/l	96
29) Tetrahydrofuran	5.12	42	248793	228.607	ug/l	96
30) Chloroform	5.20	83	170912	46.182	ug/l	98
31) Cyclohexane	5.57	56	140231	42.852	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	149550	45.596	ug/l	99
36) 1,1-Dichloropropene	5.79	75	122468	45.594	ug/l	98
37) Ethyl Acetate	4.82	43	139172	44.318	ug/l	97
38) Carbon Tetrachloride	5.78	117	124527	45.638	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	135627	41.942	ug/l	95
40) Benzene	6.13	78	374978	47.446	ug/l	100
41) Methacrylonitrile	5.03	41	83632	47.466	ug/l	96
42) 1,2-Dichloroethane	6.18	62	140212	46.719	ug/l	97
43) Isopropyl Acetate	6.43	43	232067	44.190	ug/l	97
44) Trichloroethene	7.21	130	95494	47.265	ug/l	96
45) 1,2-Dichloropropane	7.51	63	97731	48.300	ug/l	97
46) Dibromomethane	7.65	93	65944	47.867	ug/l	99
47) Bromodichloromethane	7.89	83	131515	47.765	ug/l	98
48) Methyl methacrylate	7.76	41	116261	46.170	ug/l	93
49) 1,4-Dioxane	7.73	88	53247	932.280	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	761087	234.780	ug/l	95
52) Toluene	8.78	92	239849	48.286	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	139126	45.669	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	152072	45.720	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	99941	50.608	ug/l	97
56) Ethyl methacrylate	9.17	69	161211	48.591	ug/l	91
57) 1,3-Dichloropropane	9.37	76	168867	48.858	ug/l	99
59) 2-Hexanone	9.48	43	589263	237.479	ug/l	94
60) Dibromochloromethane	9.58	129	98370	49.207	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101958	49.609	ug/l	99
64) Tetrachloroethene	9.33	164	79187	45.464	ug/l	97
65) Chlorobenzene	10.14	112	249683	47.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	94293	49.471	ug/l	99
67) Ethyl Benzene	10.25	91	455246	47.713	ug/l	99
68) m/p-Xylenes	10.36	106	339913	95.103	ug/l	99
69) o-Xylene	10.70	106	166979	48.282	ug/l	98
70) Styrene	10.71	104	289497	49.932	ug/l	98
71) Bromoform	10.85	173	67966	51.211	ug/l #	99
73) Isopropylbenzene	11.01	105	444739	47.540	ug/l	100
74) N-amyl acetate	10.89	43	202964	45.476	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	155355	50.142	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	145310m	47.825	ug/l	
77) Bromobenzene	11.25	156	104790	49.492	ug/l	96
78) n-propylbenzene	11.35	91	484151	45.968	ug/l	99
79) 2-Chlorotoluene	11.42	91	308982	47.028	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	378931	48.302	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	43525	41.052	ug/l	98
82) 4-Chlorotoluene	11.51	91	345657	46.151	ug/l	99
83) tert-Butylbenzene	11.77	119	367330	48.540	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	378663	47.848	ug/l	100
85) sec-Butylbenzene	11.94	105	422780	48.032	ug/l	100
86) p-Isopropyltoluene	12.06	119	385326	48.517	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	189206	49.656	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	183056	47.543	ug/l	99
89) n-Butylbenzene	12.39	91	317072	45.305	ug/l	99
90) Hexachloroethane	12.59	117	66632	47.059	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	190334	49.894	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37868	48.860	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	113807	48.919	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	49798	49.757	ug/l	98
95) Naphthalene	13.83	128	415425	49.355	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	114781	49.253	ug/l	98

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

