

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030619\
 Data File : VX007853.D
 Acq On : 06 Mar 2019 10:34
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 3/7/2019 10:34:51 AM

Quant Time: Mar 07 07:25:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 06:50:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	459358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199754	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	65493	19.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.26%	
35) Dibromofluoromethane	5.51	113	57213	19.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.94%	
50) Toluene-d8	8.71	98	210852	19.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.08%	
62) 4-Bromofluorobenzene	11.13	95	73859	19.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.04%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	52240	19.337	ug/l	99
3) Chloromethane	1.33	50	66195	19.013	ug/l	98
4) Vinyl Chloride	1.41	62	67040	19.380	ug/l	98
5) Bromomethane	1.64	94	34962	16.621	ug/l	97
6) Chloroethane	1.73	64	43378	18.876	ug/l	99
7) Trichlorofluoromethane	1.93	101	86546	19.216	ug/l	98
8) Diethyl Ether	2.20	74	37675	19.317	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52915	18.959	ug/l	99
10) Methyl Iodide	2.52	142	77483	19.569	ug/l	100
11) Tert butyl alcohol	3.07	59	73392	98.383	ug/l	100
12) 1,1-Dichloroethene	2.38	96	51096	18.992	ug/l	98
13) Acrolein	2.30	56	39245	87.123	ug/l	99
14) Allyl chloride	2.73	41	109276	19.330	ug/l	100
15) Acrylonitrile	3.15	53	180043	95.619	ug/l	100
16) Acetone	2.45	43	218254	113.042	ug/l	100
17) Carbon Disulfide	2.57	76	163326	18.081	ug/l	100
18) Methyl Acetate	2.78	43	78610	19.165	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	180440	19.495	ug/l	99
20) Methylene Chloride	2.86	84	57776	18.802	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	55264	18.669	ug/l	98
22) Diisopropyl ether	3.87	45	202257	19.517	ug/l	96
23) Vinyl Acetate	3.82	43	892841	98.248	ug/l	100
24) 1,1-Dichloroethane	3.70	63	108877	19.523	ug/l	99
25) 2-Butanone	4.70	43	284060	103.921	ug/l	99
26) 2,2-Dichloropropane	4.59	77	70829	19.170	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	64587	19.067	ug/l	99
28) Bromochloromethane	5.03	49	53002	20.386	ug/l	100
29) Tetrahydrofuran	5.15	42	166774	97.814	ug/l	99
30) Chloroform	5.22	83	103303	19.582	ug/l	100
31) Cyclohexane	5.58	56	99450	19.403	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	85381	19.507	ug/l	99
36) 1,1-Dichloropropene	5.80	75	79368	19.082	ug/l	99
37) Ethyl Acetate	4.85	43	94231	19.091	ug/l	99
38) Carbon Tetrachloride	5.79	117	76494	19.371	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97810	19.407	ug/l	100
40) Benzene	6.15	78	240422	19.416	ug/l	99
41) Methacrylonitrile	5.06	41	52737	19.597	ug/l	98
42) 1,2-Dichloroethane	6.20	62	79216	19.562	ug/l	99
43) Isopropyl Acetate	6.46	43	141088	19.314	ug/l	100
44) Trichloroethene	7.21	130	64760	18.978	ug/l	97
45) 1,2-Dichloropropane	7.52	63	65107	19.907	ug/l	100
46) Dibromomethane	7.66	93	40376	19.508	ug/l	99
47) Bromodichloromethane	7.90	83	77326	19.705	ug/l	98
48) Methyl methacrylate	7.77	41	74695	19.448	ug/l	100
49) 1,4-Dioxane	7.75	88	29929	379.348	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	475792	101.278	ug/l	99
52) Toluene	8.79	92	147198	19.471	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	79252	19.350	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	90612	19.591	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	60486	19.764	ug/l	99
56) Ethyl methacrylate	9.18	69	92453	20.120	ug/l	99
57) 1,3-Dichloropropane	9.37	76	102183	19.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	234694	98.741	ug/l	100
59) 2-Hexanone	9.49	43	375062	102.832	ug/l	99
60) Dibromochloromethane	9.58	129	64138	20.051	ug/l	100
61) 1,2-Dibromoethane	9.67	107	63491	19.540	ug/l	100
64) Tetrachloroethene	9.34	164	62761	18.765	ug/l	99
65) Chlorobenzene	10.14	112	161695	19.146	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	59138	19.538	ug/l	100
67) Ethyl Benzene	10.25	91	268498	19.313	ug/l	99
68) m/p-Xylenes	10.36	106	209683	39.130	ug/l	100
69) o-Xylene	10.70	106	100605	19.447	ug/l	100
70) Styrene	10.71	104	166954	19.721	ug/l	100
71) Bromoform	10.86	173	50725	19.514	ug/l #	99
73) Isopropylbenzene	11.02	105	271030	20.062	ug/l	100
74) N-amyl acetate	10.90	43	122027	19.785	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91770	19.693	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87712m	20.753	ug/l	
77) Bromobenzene	11.26	156	72172	19.486	ug/l	99
78) n-propylbenzene	11.36	91	298469	19.915	ug/l	100
79) 2-Chlorotoluene	11.42	91	180131	19.657	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	222369	19.999	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25341	19.325	ug/l	94
82) 4-Chlorotoluene	11.51	91	204855	19.507	ug/l	100
83) tert-Butylbenzene	11.77	119	220668	19.702	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	227968	20.000	ug/l	100
85) sec-Butylbenzene	11.94	105	265204	20.105	ug/l	99
86) p-Isopropyltoluene	12.06	119	234832	19.878	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126324	19.278	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	126320	18.809	ug/l	99
89) n-Butylbenzene	12.39	91	193586	19.342	ug/l	99
90) Hexachloroethane	12.60	117	38659	19.572	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	126290	19.401	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19041	19.551	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	86794	18.980	ug/l	99
94) Hexachlorobutadiene	13.78	225	45842	19.174	ug/l	99
95) Naphthalene	13.83	128	254225	19.294	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87554	19.220	ug/l	100

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

