

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008607.D
 Acq On : 03 Apr 2019 10:19
 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
 4/4/2019 3:38:18 PM

Quant Time: Apr 04 04:19:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:04:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	332369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	65481	20.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.52%	
35) Dibromofluoromethane	5.50	113	48548	20.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.28%	
50) Toluene-d8	8.71	98	196278	20.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.90%	
62) 4-Bromofluorobenzene	11.13	95	68312	20.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42759	16.761	ug/l	99
3) Chloromethane	1.33	50	58353	16.557	ug/l	98
4) Vinyl Chloride	1.41	62	57801	16.761	ug/l	100
5) Bromomethane	1.64	94	24752	13.458	ug/l	100
6) Chloroethane	1.72	64	37012	15.274	ug/l	100
7) Trichlorofluoromethane	1.93	101	63383	16.627	ug/l	99
8) Diethyl Ether	2.19	74	30385	16.808	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	41667	16.977	ug/l	100
10) Methyl Iodide	2.51	142	32969	16.296	ug/l	99
11) Tert butyl alcohol	3.04	59	65614	86.703	ug/l	99
12) 1,1-Dichloroethene	2.37	96	42458	16.571	ug/l	99
13) Acrolein	2.29	56	30576	81.483	ug/l	99
14) Allyl chloride	2.73	41	97571	16.635	ug/l	100
15) Acrylonitrile	3.14	53	168611	84.104	ug/l	100
16) Acetone	2.45	43	173039	92.941	ug/l	99
17) Carbon Disulfide	2.57	76	128075	15.563	ug/l	100
18) Methyl Acetate	2.78	43	72367	16.027	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	155580	17.003	ug/l	98
20) Methylene Chloride	2.86	84	50809	16.303	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	45503	16.419	ug/l	95
22) Diisopropyl ether	3.86	45	192349	17.015	ug/l	100
23) Vinyl Acetate	3.82	43	845591	85.981	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94647	16.910	ug/l	99
25) 2-Butanone	4.68	43	258316	87.783	ug/l	99
26) 2,2-Dichloropropane	4.59	77	65406	16.591	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	52440	16.458	ug/l	99
28) Bromochloromethane	5.02	49	49651	18.690	ug/l	98
29) Tetrahydrofuran	5.13	42	163585	83.756	ug/l	99
30) Chloroform	5.21	83	84626	16.928	ug/l	100
31) Cyclohexane	5.58	56	91660	16.412	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	68087	16.854	ug/l	99
36) 1,1-Dichloropropene	5.80	75	65948	16.003	ug/l	99
37) Ethyl Acetate	4.84	43	90731	16.495	ug/l	99
38) Carbon Tetrachloride	5.78	117	55992	16.416	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82293	16.165	ug/l	98
40) Benzene	6.14	78	204526	16.659	ug/l	100
41) Methacrylonitrile	5.04	41	51647	16.335	ug/l	99
42) 1,2-Dichloroethane	6.19	62	72644	16.505	ug/l	99
43) Isopropyl Acetate	6.45	43	142333	16.518	ug/l	99
44) Trichloroethene	7.21	130	46146	16.139	ug/l	96
45) 1,2-Dichloropropane	7.51	63	57233	16.333	ug/l	99
46) Dibromomethane	7.66	93	33028	16.251	ug/l	98
47) Bromodichloromethane	7.90	83	63837	16.659	ug/l	100
48) Methyl methacrylate	7.77	41	71602	16.427	ug/l	98
49) 1,4-Dioxane	7.74	88	28175	345.061	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	482927	87.062	ug/l	100
52) Toluene	8.78	92	121223	16.749	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	70686	16.468	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	80928	16.500	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	49021	16.873	ug/l	99
56) Ethyl methacrylate	9.18	69	89313	16.990	ug/l	100
57) 1,3-Dichloropropane	9.37	76	86952	16.667	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	258294	96.229	ug/l	100
59) 2-Hexanone	9.49	43	380062	88.166	ug/l	100
60) Dibromochloromethane	9.58	129	45918	16.772	ug/l	100
61) 1,2-Dibromoethane	9.67	107	50020	16.538	ug/l	99
64) Tetrachloroethene	9.34	164	40416	16.413	ug/l	95
65) Chlorobenzene	10.14	112	121343	16.470	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	42126	16.298	ug/l	99
67) Ethyl Benzene	10.25	91	227670	16.572	ug/l	100
68) m/p-Xylenes	10.36	106	164094	33.220	ug/l	100
69) o-Xylene	10.69	106	79574	16.623	ug/l	100
70) Styrene	10.71	104	138799	16.821	ug/l	99
71) Bromoform	10.85	173	32087	16.254	ug/l #	98
73) Isopropylbenzene	11.02	105	212883	17.198	ug/l	100
74) N-amyl acetate	10.90	43	124016	17.029	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	80606	17.122	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	80175m	18.157	ug/l	
77) Bromobenzene	11.26	156	50830	17.081	ug/l	99
78) n-propylbenzene	11.36	91	248411	17.235	ug/l	99
79) 2-Chlorotoluene	11.42	91	147688	16.933	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	178823	17.210	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24324	16.341	ug/l	92
82) 4-Chlorotoluene	11.51	91	168792	16.718	ug/l	99
83) tert-Butylbenzene	11.77	119	166415	16.647	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	180239	17.131	ug/l	100
85) sec-Butylbenzene	11.94	105	203782	17.162	ug/l	100
86) p-Isopropyltoluene	12.06	119	182808	17.153	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	87398	16.406	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	87893	16.293	ug/l	99
89) n-Butylbenzene	12.38	91	170047	17.014	ug/l	100
90) Hexachloroethane	12.60	117	29203	16.521	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	88243	16.683	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17219	16.627	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	60799	16.532	ug/l	99
94) Hexachlorobutadiene	13.78	225	29231	16.573	ug/l	99
95) Naphthalene	13.83	128	207168	16.855	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	60982	16.596	ug/l	99

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

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