

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008356.D
 Acq On : 23 Mar 2019 17:46
 Operator : JC/SP
 Sample : VX0323WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:17:08 AM

Quant Time: Mar 25 08:40:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	206070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	151689	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	5.50	113	112679	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	8.71	98	447885	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.13	95	161656	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43876	18.808	ug/l	99
3) Chloromethane	1.32	50	68402	19.780	ug/l	98
4) Vinyl Chloride	1.40	62	64608	19.142	ug/l	99
5) Bromomethane	1.64	94	43693	20.557	ug/l	100
6) Chloroethane	1.72	64	37888	19.167	ug/l	100
7) Trichlorofluoromethane	1.93	101	71714	18.684	ug/l	97
8) Diethyl Ether	2.18	74	34086	18.547	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	42376	18.637	ug/l	89
10) Methyl Iodide	2.51	142	51572	17.878	ug/l	97
11) Tert butyl alcohol	3.04	59	66916	95.585	ug/l	98
12) 1,1-Dichloroethene	2.37	96	43933	18.718	ug/l	91
13) Acrolein	2.29	56	53851	90.018	ug/l	97
14) Allyl chloride	2.73	41	97894	18.854	ug/l	94
15) Acrylonitrile	3.14	53	174644	97.416	ug/l	99
16) Acetone	2.44	43	148925	94.797	ug/l	98
17) Carbon Disulfide	2.57	76	133493	17.787	ug/l	98
18) Methyl Acetate	2.77	43	74204	18.870	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	163760	19.372	ug/l	100
20) Methylene Chloride	2.85	84	53643	18.968	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	47017	18.500	ug/l	95
22) Diisopropyl ether	3.85	45	196552	19.442	ug/l #	86
23) Vinyl Acetate	3.81	43	876743	98.223	ug/l	97
24) 1,1-Dichloroethane	3.70	63	98087	19.030	ug/l	98
25) 2-Butanone	4.67	43	251762	97.325	ug/l	96
26) 2,2-Dichloropropane	4.59	77	59269	17.847	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	54460	18.709	ug/l	89
28) Bromochloromethane	5.01	49	54545	21.198	ug/l #	78
29) Tetrahydrofuran	5.13	42	167540	97.543	ug/l	95
30) Chloroform	5.21	83	88446	19.032	ug/l	98
31) Cyclohexane	5.57	56	93259	18.868	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	68985	18.763	ug/l	95
36) 1,1-Dichloropropene	5.80	75	68384	18.706	ug/l	96
37) Ethyl Acetate	4.84	43	94301	19.060	ug/l	99
38) Carbon Tetrachloride	5.78	117	57329	18.295	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82914	18.504	ug/l	94
40) Benzene	6.14	78	211557	19.003	ug/l	99
41) Methacrylonitrile	5.04	41	52927	19.626	ug/l	96
42) 1,2-Dichloroethane	6.19	62	76148	18.848	ug/l	95
43) Isopropyl Acetate	6.45	43	148656	19.296	ug/l	97
44) Trichloroethene	7.21	130	47089	18.214	ug/l	85
45) 1,2-Dichloropropane	7.51	63	60334	19.143	ug/l	98
46) Dibromomethane	7.66	93	34458	18.423	ug/l #	84
47) Bromodichloromethane	7.90	83	66915	18.756	ug/l	99
48) Methyl methacrylate	7.77	41	74403	19.139	ug/l	94
49) 1,4-Dioxane	7.74	88	30131	384.157	ug/l	90
51) 4-Methyl-2-Pentanone	8.64	43	494059	97.741	ug/l	97
52) Toluene	8.78	92	125081	19.160	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	69976	18.243	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	80131	18.425	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	51813	19.108	ug/l	98
56) Ethyl methacrylate	9.18	69	93653	19.509	ug/l	92
57) 1,3-Dichloropropane	9.37	76	92105	19.067	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	250204	96.667	ug/l	92
59) 2-Hexanone	9.49	43	384929	99.200	ug/l	96
60) Dibromochloromethane	9.58	129	47345	18.811	ug/l	98
61) 1,2-Dibromoethane	9.67	107	53361	19.390	ug/l	99
64) Tetrachloroethene	9.34	164	38134	18.330	ug/l	95
65) Chlorobenzene	10.14	112	127215	19.067	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	43954	18.997	ug/l	97
67) Ethyl Benzene	10.25	91	239400	19.163	ug/l	95
68) m/p-Xylenes	10.36	106	171197	38.139	ug/l	91
69) o-Xylene	10.69	106	84629	19.281	ug/l	94
70) Styrene	10.71	104	146072	19.189	ug/l	96
71) Bromoform	10.85	173	32912	18.465	ug/l #	100
73) Isopropylbenzene	11.02	105	224530	19.494	ug/l	98
74) N-amyl acetate	10.90	43	135001	20.020	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	87875	19.154	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	82500m	21.596	ug/l	
77) Bromobenzene	11.26	156	52891	19.407	ug/l	80
78) n-propylbenzene	11.36	91	262532	19.448	ug/l	95
79) 2-Chlorotoluene	11.42	91	156539	19.037	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	189383	19.329	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	24032	17.927	ug/l #	84
82) 4-Chlorotoluene	11.51	91	179171	18.910	ug/l	94
83) tert-Butylbenzene	11.77	119	180107	19.304	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	190662	19.499	ug/l	97
85) sec-Butylbenzene	11.94	105	216498	19.361	ug/l	96
86) p-Isopropyltoluene	12.06	119	192514	19.532	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	92628	18.924	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	92534	18.580	ug/l	96
89) n-Butylbenzene	12.38	91	176256	18.732	ug/l	96
90) Hexachloroethane	12.59	117	29880	18.353	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	94122	18.987	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19237	19.674	ug/l	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61612	18.431	ug/l	98
94) Hexachlorobutadiene	13.78	225	30103	19.055	ug/l	99
95) Naphthalene	13.83	128	229698	19.567	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	64454	19.108	ug/l	98

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

