

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040319\
 Data File : VX008614.D
 Acq On : 03 Apr 2019 13:16
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX040319

Manual Integrations
 APPROVED

MMDadoda
 4/4/2019 3:37:45 PM

Quant Time: Apr 04 05:51:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	248307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	406460	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	365962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	169930	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	5.49	113	126300	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	8.71	98	519146	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
62) 4-Bromofluorobenzene	11.13	95	191562	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	142813	49.966	ug/l	98
3) Chloromethane	1.32	50	190439	54.519	ug/l	99
4) Vinyl Chloride	1.40	62	185881	48.108	ug/l	100
5) Bromomethane	1.64	94	92780	48.793	ug/l	99
6) Chloroethane	1.71	64	112779	53.669	ug/l	100
7) Trichlorofluoromethane	1.92	101	210744	49.342	ug/l	98
8) Diethyl Ether	2.18	74	96683	47.734	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138493	50.363	ug/l	99
10) Methyl Iodide	2.51	142	119398	47.861	ug/l	99
11) Tert butyl alcohol	3.06	59	210664	248.458	ug/l	100
12) 1,1-Dichloroethene	2.37	96	137399	47.864	ug/l	99
13) Acrolein	2.29	56	93450	222.274	ug/l	97
14) Allyl chloride	2.72	41	323620	49.245	ug/l	99
15) Acrylonitrile	3.14	53	536938	239.043	ug/l	99
16) Acetone	2.44	43	516243	247.481	ug/l	99
17) Carbon Disulfide	2.56	76	423263	51.075	ug/l	99
18) Methyl Acetate	2.77	43	231087	45.677	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	506910	49.446	ug/l	98
20) Methylene Chloride	2.85	84	163120	46.716	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	149148	48.034	ug/l	95
22) Diisopropyl ether	3.85	45	603683	47.661	ug/l	99
23) Vinyl Acetate	3.81	43	2750209	249.593	ug/l	100
24) 1,1-Dichloroethane	3.69	63	304716	48.590	ug/l	99
25) 2-Butanone	4.67	43	815286	247.283	ug/l	99
26) 2,2-Dichloropropane	4.57	77	225174	50.980	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	170324	47.710	ug/l	100
28) Bromochloromethane	5.01	49	128350	48.931	ug/l	99
29) Tetrahydrofuran	5.12	42	513124	234.488	ug/l	100
30) Chloroform	5.21	83	271277	48.432	ug/l	100
31) Cyclohexane	5.57	56	304541	48.668	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	225204	49.754	ug/l	100
36) 1,1-Dichloropropene	5.79	75	219409	49.383	ug/l	100
37) Ethyl Acetate	4.83	43	296321	49.966	ug/l	100
38) Carbon Tetrachloride	5.78	117	189388	51.502	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	284703	51.872	ug/l	99
40) Benzene	6.14	78	658312	49.735	ug/l	100
41) Methacrylonitrile	5.04	41	167574	49.158	ug/l	100
42) 1,2-Dichloroethane	6.19	62	229538	48.373	ug/l	99
43) Isopropyl Acetate	6.44	43	472698	50.882	ug/l	100
44) Trichloroethene	7.21	130	155152	50.328	ug/l	99
45) 1,2-Dichloropropane	7.51	63	186028	49.240	ug/l	99
46) Dibromomethane	7.66	93	106853	48.766	ug/l	100
47) Bromodichloromethane	7.90	83	215193	52.087	ug/l	99
48) Methyl methacrylate	7.77	41	240997	51.282	ug/l	100
49) 1,4-Dioxane	7.74	88	88537	1005.721	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1540674	257.620	ug/l	100
52) Toluene	8.78	92	396178	50.769	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	254010	54.887	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	278284	52.626	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	157181	50.180	ug/l	98
56) Ethyl methacrylate	9.18	69	300607	53.041	ug/l	99
57) 1,3-Dichloropropane	9.37	76	281934	50.125	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	779240	269.268	ug/l	99
59) 2-Hexanone	9.49	43	1187960	255.604	ug/l	100
60) Dibromochloromethane	9.58	129	156499	53.020	ug/l	98
61) 1,2-Dibromoethane	9.67	107	163598	50.169	ug/l	99
64) Tetrachloroethene	9.34	164	131039	48.329	ug/l	98
65) Chlorobenzene	10.13	112	406992	50.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	145616	51.167	ug/l	100
67) Ethyl Benzene	10.25	91	769659	50.881	ug/l	98
68) m/p-Xylenes	10.36	106	561364	103.214	ug/l	99
69) o-Xylene	10.69	106	272448	51.689	ug/l	98
70) Styrene	10.71	104	477492	52.554	ug/l	100
71) Bromoform	10.85	173	117185	53.914	ug/l #	100
73) Isopropylbenzene	11.02	105	726734	49.655	ug/l	100
74) N-amyl acetate	10.90	43	419411	48.708	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	255751	45.948	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	221412m	45.639	ug/l	
77) Bromobenzene	11.26	156	171852	48.844	ug/l	100
78) n-propylbenzene	11.36	91	866991	50.876	ug/l	100
79) 2-Chlorotoluene	11.42	91	503871	48.860	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	615940	50.136	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	92269	52.427	ug/l	100
82) 4-Chlorotoluene	11.51	91	588942	49.337	ug/l	99
83) tert-Butylbenzene	11.77	119	586503	49.622	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	625769	50.304	ug/l	100
85) sec-Butylbenzene	11.94	105	715464	50.962	ug/l	99
86) p-Isopropyltoluene	12.06	119	649054	51.509	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	311318	49.426	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	311097	48.775	ug/l	99
89) n-Butylbenzene	12.38	91	627876	53.132	ug/l	100
90) Hexachloroethane	12.60	117	110075	52.668	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	304009	48.611	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58464	47.747	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	219175	50.405	ug/l	99
94) Hexachlorobutadiene	13.78	225	107036	51.328	ug/l	100
95) Naphthalene	13.83	128	714930	49.194	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	213310	49.099	ug/l	100

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

