

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002603.D
 Acq On : 15 Jun 2018 18:23
 Operator : JC/MD
 Sample : VX0615WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:02 PM

Quant Time: Jun 16 02:02:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	162752	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	5.51	113	124004	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
50) Toluene-d8	8.72	98	479016	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
62) 4-Bromofluorobenzene	11.14	95	177596	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46943	19.84	ug/l	100
3) Chloromethane	1.32	50	53561	19.03	ug/l	96
4) Vinyl Chloride	1.40	62	57460	19.67	ug/l	99
5) Bromomethane	1.64	94	38180	21.66	ug/l	100
6) Chloroethane	1.72	64	38602	20.05	ug/l	97
7) Trichlorofluoromethane	1.93	101	97756	20.60	ug/l	98
8) Diethyl Ether	2.19	74	36630	20.29	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54777	20.65	ug/l	98
10) Methyl Iodide	2.51	142	45841	16.66	ug/l	99
11) Tert butyl alcohol	3.07	59	71144	101.59	ug/l	98
12) 1,1-Dichloroethene	2.37	96	49664	19.94	ug/l	98
13) Acrolein	2.29	56	31159	99.16	ug/l	100
14) Allyl chloride	2.73	41	94595	19.13	ug/l	97
15) Acrylonitrile	3.15	53	157138	102.82	ug/l	100
16) Acetone	2.45	43	144356	96.58	ug/l	98
17) Carbon Disulfide	2.57	76	117887	19.95	ug/l	100
18) Methyl Acetate	2.78	43	80263	20.16	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	186527	19.96	ug/l	100
20) Methylene Chloride	2.86	84	55446	18.09	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	54527	20.18	ug/l	97
22) Diisopropyl ether	3.87	45	174070	19.45	ug/l	95
23) Vinyl Acetate	3.82	43	784361	104.73	ug/l	99
24) 1,1-Dichloroethane	3.70	63	105727	21.77	ug/l	99
25) 2-Butanone	4.71	43	199772	101.78	ug/l	98
26) 2,2-Dichloropropane	4.59	77	64136	18.38	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	53750	19.55	ug/l	99
28) Bromochloromethane	5.03	49	46175	20.30	ug/l	99
29) Tetrahydrofuran	5.17	42	130134	101.16	ug/l	98
30) Chloroform	5.22	83	93524	19.97	ug/l	95
31) Cyclohexane	5.58	56	81696	20.43	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	79918	20.40	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67825	20.00	ug/l	99
37) Ethyl Acetate	4.87	43	78753	20.52	ug/l	98
38) Carbon Tetrachloride	5.79	117	69293	20.52	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82880	20.91	ug/l	98
40) Benzene	6.15	78	202179	19.89	ug/l	98
41) Methacrylonitrile	5.07	41	44318	20.45	ug/l	98
42) 1,2-Dichloroethane	6.20	62	80556	20.47	ug/l	100
43) Isopropyl Acetate	6.47	43	125949	19.81	ug/l	99
44) Trichloroethene	7.21	130	58682	20.00	ug/l	99
45) 1,2-Dichloropropane	7.52	63	54581	20.40	ug/l	98
46) Dibromomethane	7.67	93	36102	20.17	ug/l	99
47) Bromodichloromethane	7.90	83	63145	20.00	ug/l	98
48) Methyl methacrylate	7.78	41	65783	20.25	ug/l	99
49) 1,4-Dioxane	7.76	88	25739	418.32	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	428002	104.84	ug/l	99
52) Toluene	8.79	92	132744	20.47	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	74763	19.43	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	66912	18.92	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	52453	20.02	ug/l	98
56) Ethyl methacrylate	9.18	69	81452	20.20	ug/l	99
57) 1,3-Dichloropropane	9.38	76	89938	20.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	196295	100.64	ug/l	99
59) 2-Hexanone	9.50	43	323621	105.20	ug/l	99
60) Dibromochloromethane	9.59	129	49806	19.39	ug/l	99
61) 1,2-Dibromoethane	9.68	107	55946	20.61	ug/l	99
64) Tetrachloroethene	9.34	164	65390	18.96	ug/l	97
65) Chlorobenzene	10.14	112	151707	19.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	52014	20.00	ug/l	99
67) Ethyl Benzene	10.26	91	258926	20.12	ug/l	99
68) m/p-Xylenes	10.36	106	197028	39.69	ug/l	100
69) o-Xylene	10.70	106	97162	19.92	ug/l	98
70) Styrene	10.71	104	159855	19.93	ug/l	99
71) Bromoform	10.86	173	36012	18.58	ug/l #	98
73) Isopropylbenzene	11.02	105	264123	20.99	ug/l	100
74) N-amyl acetate	6.47	43	125949	20.14	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	78132	21.02	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	70103m	19.74	ug/l	
77) Bromobenzene	11.26	156	71128	20.29	ug/l	99
78) n-propylbenzene	11.37	91	301862	20.91	ug/l	100
79) 2-Chlorotoluene	11.43	91	175756	20.40	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	222209	20.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	17912	18.97	ug/l	86
82) 4-Chlorotoluene	11.51	91	208859	20.54	ug/l	99
83) tert-Butylbenzene	11.77	119	218251	21.30	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	225993	20.82	ug/l	98
85) sec-Butylbenzene	11.95	105	268330	21.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	241406	20.94	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	128886	20.04	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	132295	20.22	ug/l	100
89) n-Butylbenzene	12.39	91	209790	20.63	ug/l	99
90) Hexachloroethane	12.60	117	32387	19.70	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	130984	20.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16239	20.86	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95217	20.27	ug/l	100
94) Hexachlorobutadiene	13.79	225	52313	21.14	ug/l	97
95) Naphthalene	13.84	128	266259	21.07	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	97043	20.57	ug/l	99

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

