

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004556.D
 Acq On : 15 Sep 2018 01:50
 Operator : JC/MD
 Sample : VX0914WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/17/2018 5:09:29 PM

Quant Time: Sep 15 06:19:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148595	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	166372	60.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.92%	
35) Dibromofluoromethane	5.50	113	143367	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
50) Toluene-d8	8.72	98	441679	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.14	95	149609	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38300	19.15	ug/l	98
3) Chloromethane	1.32	50	59060	21.45	ug/l	100
4) Vinyl Chloride	1.40	62	58197	20.60	ug/l	96
5) Bromomethane	1.64	94	30880	25.52	ug/l	96
6) Chloroethane	1.72	64	38308	20.97	ug/l	100
7) Trichlorofluoromethane	1.93	101	69054	18.44	ug/l	95
8) Diethyl Ether	2.19	74	41508	24.72	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	42776	18.00	ug/l	99
10) Methyl Iodide	2.51	142	46927	19.37	ug/l	99
11) Tert butyl alcohol	3.07	59	83048	126.47	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44742	20.06	ug/l	98
13) Acrolein	2.29	56	38480	148.45	ug/l	93
14) Allyl chloride	2.73	41	99839	21.78	ug/l	96
15) Acrylonitrile	3.15	53	204815	129.52	ug/l	97
16) Acetone	2.45	43	154927	115.35	ug/l	92
17) Carbon Disulfide	2.57	76	123765	19.20	ug/l	99
18) Methyl Acetate	2.78	43	96878	25.71	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	199362	25.48	ug/l	95
20) Methylene Chloride	2.85	84	66305	24.06	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	54015	21.92	ug/l	94
22) Diisopropyl ether	3.87	45	203064	24.59	ug/l	97
23) Vinyl Acetate	3.82	43	834690	124.91	ug/l	100
24) 1,1-Dichloroethane	3.70	63	104919	22.51	ug/l	99
25) 2-Butanone	4.70	43	245709	114.94	ug/l	98
26) 2,2-Dichloropropane	4.59	77	55253	17.26	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	66389	24.13	ug/l	95
28) Bromochloromethane	5.01	49	54692	25.65	ug/l	97
29) Tetrahydrofuran	5.15	42	161568	125.33	ug/l	98
30) Chloroform	5.21	83	108751	23.89	ug/l	93
31) Cyclohexane	5.57	56	73587	18.49	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	78992	21.55	ug/l	99
36) 1,1-Dichloropropene	5.80	75	65646	18.09	ug/l	99
37) Ethyl Acetate	4.85	43	92104	22.32	ug/l	99
38) Carbon Tetrachloride	5.78	117	63230	17.84	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60692	16.03	ug/l	95
40) Benzene	6.14	78	239741	22.27	ug/l	98
41) Methacrylonitrile	5.06	41	53318	23.45	ug/l	99
42) 1,2-Dichloroethane	6.20	62	85748	24.02	ug/l	99
43) Isopropyl Acetate	6.46	43	131863	24.06	ug/l	98
44) Trichloroethene	7.21	130	54472	19.48	ug/l	97
45) 1,2-Dichloropropane	7.52	63	57309	22.12	ug/l	99
46) Dibromomethane	7.66	93	36417	22.25	ug/l	98
47) Bromodichloromethane	7.90	83	65649	21.21	ug/l	99
48) Methyl methacrylate	7.77	41	60023	22.13	ug/l	99
49) 1,4-Dioxane	7.76	88	30366	473.01	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	427317	110.48	ug/l	98
52) Toluene	8.79	92	129779	20.46	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	78165	21.62	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	76937	20.88	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	67122	24.58	ug/l	95
56) Ethyl methacrylate	9.18	69	91567	23.70	ug/l	98
57) 1,3-Dichloropropane	9.37	76	107170	24.15	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	204697	108.24	ug/l	95
59) 2-Hexanone	9.50	43	343650	115.84	ug/l	96
60) Dibromochloromethane	9.59	129	58289	22.67	ug/l	96
61) 1,2-Dibromoethane	9.68	107	64888	24.87	ug/l	100
64) Tetrachloroethene	9.34	164	66905	20.19	ug/l	91
65) Chlorobenzene	10.14	112	134732	20.44	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	49272	21.68	ug/l	99
67) Ethyl Benzene	10.26	91	206724	19.29	ug/l	99
68) m/p-Xylenes	10.36	106	163090	39.50	ug/l	98
69) o-Xylene	10.70	106	80637	20.32	ug/l	95
70) Styrene	10.71	104	137676	20.94	ug/l	99
71) Bromoform	10.86	173	41752	22.37	ug/l #	98
73) Isopropylbenzene	11.02	105	205416	20.99	ug/l	99
74) N-amyl acetate	10.90	43	100096	24.30	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	78724	24.94	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	75704m	25.32	ug/l	
77) Bromobenzene	11.26	156	61361	22.68	ug/l	98
78) n-propylbenzene	11.36	91	226501	20.13	ug/l	100
79) 2-Chlorotoluene	11.42	91	144050	21.11	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	173386	21.08	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	20108	21.44	ug/l	100
82) 4-Chlorotoluene	11.51	91	166682	20.93	ug/l	100
83) tert-Butylbenzene	11.77	119	164075	20.95	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	181287	21.58	ug/l	97
85) sec-Butylbenzene	11.94	105	202357	20.27	ug/l	98
86) p-Isopropyltoluene	12.07	119	176467	20.02	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	104200	20.65	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	104822	20.10	ug/l	98
89) n-Butylbenzene	12.39	91	140579	17.50	ug/l	97
90) Hexachloroethane	12.60	117	25943	18.39	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	110240	21.58	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16908	25.09	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	79543	21.99	ug/l	99
94) Hexachlorobutadiene	13.79	225	36235	19.18	ug/l	97
95) Naphthalene	13.83	128	245309	24.18	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	82967	22.33	ug/l	99

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

