

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091718\
 Data File : VX004623.D
 Acq On : 17 Sep 2018 17:18
 Operator : JC/MD
 Sample : VX0917WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2018 4:03:05 PM

Quant Time: Sep 18 01:16:37 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	5.66	168	271291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191470	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	159126	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
35) Dibromofluoromethane	5.49	113	136487	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	
50) Toluene-d8	8.71	98	480500	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
62) 4-Bromofluorobenzene	11.14	95	173884	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48464	19.06	ug/l	94
3) Chloromethane	1.32	50	60307	17.23	ug/l	96
4) Vinyl Chloride	1.40	62	61312	17.07	ug/l	100
5) Bromomethane	1.64	94	31581	20.30	ug/l	95
6) Chloroethane	1.72	64	37862	16.30	ug/l	94
7) Trichlorofluoromethane	1.93	101	83090	17.45	ug/l	98
8) Diethyl Ether	2.18	74	37447	17.54	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55495	18.37	ug/l	99
10) Methyl Iodide	2.51	142	42228	14.96	ug/l	95
11) Tert butyl alcohol	3.06	59	72397	86.74	ug/l	100
12) 1,1-Dichloroethene	2.37	96	50802	17.92	ug/l	98
13) Acrolein	2.29	56	21601	65.56	ug/l	90
14) Allyl chloride	2.73	41	102745	17.63	ug/l	95
15) Acrylonitrile	3.15	53	175528	87.33	ug/l	98
16) Acetone	2.44	43	155063	90.82	ug/l	97
17) Carbon Disulfide	2.57	76	136529	16.66	ug/l	99
18) Methyl Acetate	2.78	43	83619	17.46	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	175471	17.64	ug/l	98
20) Methylene Chloride	2.85	84	61545	17.57	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	57909	18.49	ug/l	96
22) Diisopropyl ether	3.87	45	186133	17.73	ug/l	98
23) Vinyl Acetate	3.82	43	756947	89.12	ug/l	97
24) 1,1-Dichloroethane	3.70	63	104772	17.68	ug/l	99
25) 2-Butanone	4.70	43	226345	83.30	ug/l	97
26) 2,2-Dichloropropane	4.57	77	79778	19.60	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	64233	18.37	ug/l	99
28) Bromochloromethane	5.01	49	48184	17.78	ug/l	95
29) Tetrahydrofuran	5.15	42	139060	84.86	ug/l	98
30) Chloroform	5.21	83	106681	18.44	ug/l	85
31) Cyclohexane	5.57	56	95051	18.78	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	89696	19.25	ug/l	97
36) 1,1-Dichloropropene	5.79	75	79167	19.87	ug/l	100
37) Ethyl Acetate	4.85	43	82807	18.27	ug/l	100
38) Carbon Tetrachloride	5.78	117	76050	19.54	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84569	20.34	ug/l	91
40) Benzene	6.15	78	243547	20.60	ug/l	97
41) Methacrylonitrile	5.06	41	46406	18.58	ug/l	98
42) 1,2-Dichloroethane	6.20	62	78220	19.95	ug/l	100
43) Isopropyl Acetate	6.46	43	116913	19.42	ug/l	99
44) Trichloroethene	7.21	130	60789	19.79	ug/l	94
45) 1,2-Dichloropropane	7.52	63	56941	20.01	ug/l	98
46) Dibromomethane	7.66	93	36387	20.24	ug/l	98
47) Bromodichloromethane	7.90	83	67048	19.73	ug/l	97
48) Methyl methacrylate	7.77	41	56559	18.98	ug/l	96
49) 1,4-Dioxane	7.75	88	27580	391.14	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	370009	87.10	ug/l	99
52) Toluene	8.79	92	135091	19.39	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	74388	18.73	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	81993	20.26	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	54490	18.17	ug/l	98
56) Ethyl methacrylate	9.18	69	76406	18.01	ug/l	98
57) 1,3-Dichloropropane	9.37	76	90035	18.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	194754	94.73	ug/l	96
59) 2-Hexanone	9.49	43	284089	87.18	ug/l	98
60) Dibromochloromethane	9.59	129	54977	19.47	ug/l	99
61) 1,2-Dibromoethane	9.67	107	55703	19.44	ug/l	99
64) Tetrachloroethene	9.34	164	68512	17.56	ug/l	98
65) Chlorobenzene	10.14	112	153105	19.72	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	53106	19.84	ug/l	100
67) Ethyl Benzene	10.25	91	251687	19.94	ug/l	97
68) m/p-Xylenes	10.36	106	200206	41.17	ug/l	98
69) o-Xylene	10.70	106	95552	20.44	ug/l	99
70) Styrene	10.71	104	158940	20.52	ug/l	98
71) Bromoform	10.86	173	41776	19.01	ug/l #	99
73) Isopropylbenzene	11.02	105	260682	20.67	ug/l	100
74) N-amyl acetate	10.90	43	97725	18.41	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	77083	18.95	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	73711m	19.13	ug/l	
77) Bromobenzene	11.26	156	69433	19.92	ug/l	100
78) n-propylbenzene	11.36	91	300035	20.69	ug/l	100
79) 2-Chlorotoluene	11.42	91	177910	20.23	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	220420	20.79	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	23519	19.46	ug/l	97
82) 4-Chlorotoluene	11.51	91	206581	20.13	ug/l	98
83) tert-Butylbenzene	11.77	119	210067	20.81	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	226346	20.91	ug/l	99
85) sec-Butylbenzene	11.94	105	266673	20.74	ug/l	99
86) p-Isopropyltoluene	12.07	119	241305	21.25	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	131073	20.16	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	131044	19.50	ug/l	98
89) n-Butylbenzene	12.39	91	206204	19.92	ug/l	98
90) Hexachloroethane	12.60	117	35908	19.75	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	130495	19.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16248	18.71	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96740	20.76	ug/l	98
94) Hexachlorobutadiene	13.79	225	50271	20.65	ug/l	98
95) Naphthalene	13.83	128	262097	20.05	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96878	20.23	ug/l	100

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

