

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092618\
 Data File : VX004730.D
 Acq On : 26 Sep 2018 17:01
 Operator : JC/MD
 Sample : VX0926WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/1/2018 1:31:00 PM

Quant Time: Sep 27 01:42:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	273235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381290	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216663	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	203074	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
35) Dibromofluoromethane	5.51	113	164615	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	8.71	98	591456	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
62) 4-Bromofluorobenzene	11.14	95	213638	55.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	88501	23.756	ug/l	94
3) Chloromethane	1.32	50	98887	21.878	ug/l	98
4) Vinyl Chloride	1.40	62	94034	22.182	ug/l	95
5) Bromomethane	1.64	94	57519	22.881	ug/l	98
6) Chloroethane	1.72	64	57134	23.497	ug/l	98
7) Trichlorofluoromethane	1.93	101	110847	21.121	ug/l #	82
8) Diethyl Ether	2.18	74	48463	21.256	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	66223	22.152	ug/l	98
10) Methyl Iodide	2.51	142	73623	18.404	ug/l	94
11) Tert butyl alcohol	3.08	59	113317	103.831	ug/l	99
12) 1,1-Dichloroethene	2.37	96	61306	20.707	ug/l	97
13) Acrolein	2.29	56	78797	101.477	ug/l	100
14) Allyl chloride	2.73	41	136856	21.186	ug/l	93
15) Acrylonitrile	3.15	53	253673	105.587	ug/l	99
16) Acetone	2.45	43	235950	103.544	ug/l	97
17) Carbon Disulfide	2.57	76	193344	21.733	ug/l	99
18) Methyl Acetate	2.78	43	119269	20.658	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	217211	21.270	ug/l	94
20) Methylene Chloride	2.85	84	69417	20.456	ug/l	87
21) trans-1,2-Dichloroethene	3.15	96	65766	20.292	ug/l	91
22) Diisopropyl ether	3.87	45	231553	21.287	ug/l #	85
23) Vinyl Acetate	3.82	43	1043295	104.780	ug/l	96
24) 1,1-Dichloroethane	3.70	63	127472	19.645	ug/l	98
25) 2-Butanone	4.70	43	355565	105.856	ug/l	95
26) 2,2-Dichloropropane	4.57	77	94637	20.945	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	76023	20.998	ug/l	96
28) Bromochloromethane	5.02	49	62418	20.428	ug/l	93
29) Tetrahydrofuran	5.16	42	221653	106.171	ug/l	95
30) Chloroform	5.21	83	127954	20.865	ug/l	99
31) Cyclohexane	5.57	56	114212	22.998	ug/l	86
32) 1,1,1-Trichloroethane	5.49	97	102573	20.481	ug/l	100
36) 1,1-Dichloropropene	5.80	75	88996	20.185	ug/l	97
37) Ethyl Acetate	4.85	43	124233	21.228	ug/l	98
38) Carbon Tetrachloride	5.77	117	90217	19.466	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100665	22.360	ug/l	95
40) Benzene	6.15	78	277215	20.084	ug/l #	89
41) Methacrylonitrile	5.06	41	67318	20.741	ug/l	97
42) 1,2-Dichloroethane	6.20	62	100974	20.693	ug/l	98
43) Isopropyl Acetate	6.46	43	178445	21.125	ug/l	95
44) Trichloroethene	7.21	130	71676	21.123	ug/l	80
45) 1,2-Dichloropropane	7.52	63	69457	20.519	ug/l	93
46) Dibromomethane	7.66	93	45024	21.165	ug/l	96
47) Bromodichloromethane	7.90	83	82977	20.833	ug/l	98
48) Methyl methacrylate	7.77	41	84682	22.087	ug/l	94
49) 1,4-Dioxane	7.76	88	40932	429.724	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	587837	110.523	ug/l	95
52) Toluene	8.79	92	161594	21.306	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	91413	20.310	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	102511	21.745	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	65963	19.855	ug/l	94
56) Ethyl methacrylate	9.18	69	99242	20.217	ug/l	95
57) 1,3-Dichloropropane	9.37	76	112238	20.299	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	293635	110.974	ug/l	93
59) 2-Hexanone	9.50	43	463657	104.612	ug/l	93
60) Dibromochloromethane	9.59	129	65286	19.649	ug/l	99
61) 1,2-Dibromoethane	9.68	107	68800	19.337	ug/l	99
64) Tetrachloroethene	9.34	164	68850	19.421	ug/l	98
65) Chlorobenzene	10.14	112	179569	19.441	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	62049	19.109	ug/l	99
67) Ethyl Benzene	10.26	91	295128	20.126	ug/l	99
68) m/p-Xylenes	10.36	106	234319	40.891	ug/l	94
69) o-Xylene	10.70	106	111042	21.097	ug/l	96
70) Styrene	10.71	104	187485	20.371	ug/l	96
71) Bromoform	10.86	173	51513	18.530	ug/l #	99
73) Isopropylbenzene	11.02	105	301451	22.074	ug/l	99
74) N-amyl acetate	10.90	43	138299	19.528	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	106903	19.230	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	97821m	20.143	ug/l	
77) Bromobenzene	11.26	156	80465	20.285	ug/l	97
78) n-propylbenzene	11.36	91	351463	22.430	ug/l	99
79) 2-Chlorotoluene	11.42	91	211923	21.698	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	258102	20.504	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	28950	17.600	ug/l	96
82) 4-Chlorotoluene	11.51	91	248527	21.618	ug/l	100
83) tert-Butylbenzene	11.77	119	246829	21.952	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	266337	20.517	ug/l	98
85) sec-Butylbenzene	11.94	105	304670	22.246	ug/l	99
86) p-Isopropyltoluene	12.07	119	272973	22.000	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	151958	20.516	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153068	20.019	ug/l	98
89) n-Butylbenzene	12.39	91	243503	21.608	ug/l	97
90) Hexachloroethane	12.60	117	39560	19.149	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	149846	19.359	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23996	19.659	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	112318	20.685	ug/l	100
94) Hexachlorobutadiene	13.79	225	58097	20.633	ug/l	97
95) Naphthalene	13.83	128	348224	19.764	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	113521	20.239	ug/l	99

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

