

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004095.D
 Acq On : 16 Aug 2018 02:14
 Operator : JC/MD
 Sample : VX0815WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS02

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:40:07 PM

Quant Time: Aug 16 07:31:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	422267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243101	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	213466	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	5.51	113	174602	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
50) Toluene-d8	8.71	98	672534	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.14	95	240557	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56449	20.39	ug/l	100
3) Chloromethane	1.32	50	66989	19.72	ug/l	98
4) Vinyl Chloride	1.40	62	75497	20.54	ug/l	98
5) Bromomethane	1.64	94	44070	23.56	ug/l	98
6) Chloroethane	1.73	64	53557	21.12	ug/l	97
7) Trichlorofluoromethane	1.93	101	104367	20.24	ug/l	99
8) Diethyl Ether	2.18	74	45879	20.38	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63135	19.62	ug/l	100
10) Methyl Iodide	2.51	142	62113	21.28	ug/l	98
11) Tert butyl alcohol	3.04	59	91750	113.69	ug/l	99
12) 1,1-Dichloroethene	2.37	96	60650	20.27	ug/l	98
13) Acrolein	2.29	56	46284	91.78	ug/l	100
14) Allyl chloride	2.73	41	109183	19.18	ug/l	96
15) Acrylonitrile	3.14	53	227861	113.25	ug/l	100
16) Acetone	2.44	43	225469	108.21	ug/l	100
17) Carbon Disulfide	2.57	76	160739	18.94	ug/l	99
18) Methyl Acetate	2.77	43	100201	21.64	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	221373	21.00	ug/l	98
20) Methylene Chloride	2.86	84	72638	20.98	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	70046	20.61	ug/l	92
22) Diisopropyl ether	3.87	45	237884	21.32	ug/l	96
23) Vinyl Acetate	3.82	43	996472	108.75	ug/l	99
24) 1,1-Dichloroethane	3.70	63	134911	21.35	ug/l	99
25) 2-Butanone	4.70	43	357404	105.43	ug/l	100
26) 1,2-Dichloropropane	4.59	77	63399	12.62	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	77642	20.32	ug/l	96
28) Bromochloromethane	5.02	49	62722	21.63	ug/l	99
29) Tetrahydrofuran	5.16	42	179008	103.35	ug/l	98
30) Chloroform	5.21	83	129324	20.97	ug/l	97
31) Cyclohexane	5.58	56	103436	18.67	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	107755	20.91	ug/l	98
36) 1,1-Dichloropropene	5.80	75	95036	19.78	ug/l	99
37) Ethyl Acetate	4.85	43	105924	20.24	ug/l	100
38) Carbon Tetrachloride	5.78	117	93720	20.08	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	100995	18.53	ug/l	99
40) Benzene	6.15	78	294883	20.44	ug/l	99
41) Methacrylonitrile	5.06	41	57325	19.56	ug/l	98
42) 1,2-Dichloroethane	6.20	62	104166	20.62	ug/l	100
43) Isopropyl Acetate	6.47	43	152701	19.80	ug/l	99
44) Trichloroethene	7.21	130	76527	19.54	ug/l	96
45) 1,2-Dichloropropane	7.52	63	74703	20.22	ug/l	99
46) Dibromomethane	7.67	93	49664	20.57	ug/l	99
47) Bromodichloromethane	7.90	83	92968	20.34	ug/l	98
48) Methyl methacrylate	7.78	41	79900	20.58	ug/l	99
49) 1,4-Dioxane	7.76	88	37279	426.46	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	693849	109.71	ug/l	99
52) Toluene	8.79	92	189509	20.77	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	91074	18.44	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	104193	19.05	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	77420	20.55	ug/l	99
56) Ethyl methacrylate	9.18	69	101233	19.76	ug/l	98
57) 1,3-Dichloropropane	9.37	76	128839	20.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	284384	108.99	ug/l	99
59) 2-Hexanone	9.50	43	522721	109.82	ug/l	98
60) Dibromochloromethane	9.59	129	72349	19.95	ug/l	100
61) 1,2-Dibromoethane	9.67	107	79247	20.63	ug/l	99
64) Tetrachloroethene	9.34	164	80573	21.26	ug/l	94
65) Chlorobenzene	10.14	112	208122	20.15	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	72688	20.63	ug/l	99
67) Ethyl Benzene	10.26	91	330406	20.20	ug/l	97
68) m/p-Xylenes	10.36	106	270661	42.25	ug/l	97
69) o-Xylene	10.70	106	125974	20.58	ug/l	95
70) Styrene	10.71	104	215941	20.96	ug/l	97
71) Bromoform	10.86	173	54341	19.45	ug/l #	98
73) Isopropylbenzene	11.02	105	342372	20.81	ug/l	96
74) N-amyl acetate	6.47	43	152701	19.73	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	118989	20.71	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	105573m	21.66	ug/l	
77) Bromobenzene	11.26	156	92895	20.48	ug/l	99
78) n-propylbenzene	11.36	91	381885	20.74	ug/l	99
79) 2-Chlorotoluene	11.42	91	237650	21.18	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	274310	20.36	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25610	16.26	ug/l	95
82) 4-Chlorotoluene	11.51	91	273806	20.65	ug/l	100
83) tert-Butylbenzene	11.77	119	265739	19.57	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	289495	20.75	ug/l	98
85) sec-Butylbenzene	11.94	105	326828	20.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	287514	19.98	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	170229	19.68	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	173944	19.54	ug/l	96
89) n-Butylbenzene	12.39	91	209708	18.49	ug/l	100
90) Hexachloroethane	12.60	117	41599	19.32	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	149183	19.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20150	19.96	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	104361	19.57	ug/l	98
94) Hexachlorobutadiene	13.79	225	48025	17.97	ug/l	99
95) Naphthalene	13.83	128	315593	19.29	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	118284	20.34	ug/l	99

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

