

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
 Data File : VW005891.D
 Acq On : 08 Oct 2018 12:40
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 10/9/2018 4:12:12 PM

Quant Time: Oct 09 02:09:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 01:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	331368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	489261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	442723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	242200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	326739	101.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.14%	
35) Dibromofluoromethane	7.88	113	318743	102.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.08%	
50) Toluene-d8	10.33	98	1228407	102.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.42%	
62) 4-Bromofluorobenzene	12.62	95	465085	101.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	176759	108.85	ug/l	99
3) Chloromethane	2.21	50	188976	98.94	ug/l	99
4) Vinyl Chloride	2.37	62	315646	104.09	ug/l	98
5) Bromomethane	2.78	94	247994	103.62	ug/l	99
6) Chloroethane	2.93	64	204152	105.67	ug/l	97
7) Trichlorofluoromethane	3.26	101	259908	107.98	ug/l	95
8) Diethyl Ether	3.68	74	151140	102.03	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	308161	101.45	ug/l	100
10) Methyl Iodide	4.27	142	508897	102.44	ug/l	100
11) Tert butyl alcohol	5.19	59	115520	490.00	ug/l	96
12) 1,1-Dichloroethene	4.04	96	296427	101.62	ug/l	98
13) Acrolein	3.89	56	97138	462.36	ug/l	95
14) Allyl chloride	4.67	41	497551	100.02	ug/l	99
15) Acrylonitrile	5.37	53	336846	522.48	ug/l	100
16) Acetone	4.12	43	314017	488.71	ug/l	97
17) Carbon Disulfide	4.38	76	917510	104.04	ug/l	100
18) Methyl Acetate	4.67	43	176038	108.57	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	452540	99.72	ug/l	100
20) Methylene Chloride	4.92	84	299950	93.17	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	328233	103.24	ug/l	97
22) Diisopropyl ether	6.32	45	946472	101.78	ug/l	96
23) Vinyl Acetate	6.26	43	2950193	515.45	ug/l	100
24) 1,1-Dichloroethane	6.21	63	578366	101.63	ug/l	99
25) 2-Butanone	7.17	43	462448	506.01	ug/l	100
26) 2,2-Dichloropropane	7.16	77	374981	93.63	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	367800	102.29	ug/l	99
28) Bromochloromethane	7.51	49	200707	95.55	ug/l	100
29) Tetrahydrofuran	7.53	42	301342	521.61	ug/l	100
30) Chloroform	7.68	83	599604	102.58	ug/l	98
31) Cyclohexane	7.96	56	538600	95.64	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	524983	100.85	ug/l	99
36) 1,1-Dichloropropene	8.09	75	477058	101.76	ug/l	99
37) Ethyl Acetate	7.26	43	206174	103.85	ug/l	99
38) Carbon Tetrachloride	8.07	117	516480	102.54	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	638291	103.23	ug/l	99
40) Benzene	8.33	78	1309703	102.07	ug/l	100
41) Methacrylonitrile	7.49	41	128864	103.68	ug/l	98
42) 1,2-Dichloroethane	8.40	62	398854	102.89	ug/l	100
43) Isopropyl Acetate	8.43	43	434968	104.89	ug/l	100
44) Trichloroethene	9.09	130	384091	103.17	ug/l	97
45) 1,2-Dichloropropane	9.37	63	326107	101.54	ug/l	99
46) Dibromomethane	9.46	93	182604	103.45	ug/l	99
47) Bromodichloromethane	9.65	83	458880	103.31	ug/l	97
48) Methyl methacrylate	9.44	41	207595	105.08	ug/l	99
49) 1,4-Dioxane	9.45	88	56390	2103.11	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	1057458	523.63	ug/l	99
52) Toluene	10.39	92	864690	102.58	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	482234	103.88	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	536228	102.76	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	249947	102.23	ug/l	99
56) Ethyl methacrylate	10.65	69	345557	104.86	ug/l	99
57) 1,3-Dichloropropane	10.93	76	421474	102.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	658332	490.99	ug/l	100
59) 2-Hexanone	10.97	43	748023	516.59	ug/l	99
60) Dibromochloromethane	11.13	129	328954	104.26	ug/l	100
61) 1,2-Dibromoethane	11.24	107	253388	103.71	ug/l	100
64) Tetrachloroethene	10.87	164	341855	103.66	ug/l	98
65) Chlorobenzene	11.66	112	970546	102.34	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	362344	104.24	ug/l	99
67) Ethyl Benzene	11.74	91	1705424	101.81	ug/l	99
68) m/p-Xylenes	11.84	106	1342573	205.10	ug/l	99
69) o-Xylene	12.17	106	648605	103.50	ug/l	99
70) Styrene	12.18	104	1078828	103.76	ug/l	100
71) Bromoform	12.35	173	221634	107.04	ug/l #	99
73) Isopropylbenzene	12.47	105	1799553	101.74	ug/l	100
74) N-amyl acetate	12.27	43	434298	103.38	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	297732	102.69	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	232677m	62.76	ug/l	
77) Bromobenzene	12.75	156	431270	102.91	ug/l	99
78) n-propylbenzene	12.81	91	2098507	100.85	ug/l	100
79) 2-Chlorotoluene	12.90	91	1189201	101.24	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1514432	101.41	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	107467	104.86	ug/l	98
82) 4-Chlorotoluene	12.99	91	1265208	102.38	ug/l	100
83) tert-Butylbenzene	13.21	119	1350097	101.65	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1521177	100.98	ug/l	100
85) sec-Butylbenzene	13.39	105	1885292	101.12	ug/l	100
86) p-Isopropyltoluene	13.51	119	1694188	101.05	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	844872	101.48	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	838117	101.30	ug/l	100
89) n-Butylbenzene	13.83	91	1588855	100.53	ug/l	100
90) Hexachloroethane	14.10	117	321861	102.07	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	752473	101.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	56240	104.09	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	578040	100.86	ug/l	100
94) Hexachlorobutadiene	15.24	225	362261	101.26	ug/l	100
95) Naphthalene	15.38	128	1020869	103.34	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	503903	101.54	ug/l	100

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

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