

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006978.D
 Acq On : 20 Nov 2018 15:55
 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

MMDadoda
 11/21/2018 11:32:35 AM

Quant Time: Nov 21 03:18:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 02:56:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	181103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	171513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83971	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	114422	101.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.48%	
35) Dibromofluoromethane	7.89	113	110000	107.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.10%	
50) Toluene-d8	10.33	98	465636	103.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.20%	
62) 4-Bromofluorobenzene	12.62	95	178704	100.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	107146	94.47	ug/l	98
3) Chloromethane	2.21	50	93195	98.60	ug/l	99
4) Vinyl Chloride	2.36	62	92389	99.34	ug/l	99
5) Bromomethane	2.78	94	45585	91.84	ug/l	92
6) Chloroethane	2.92	64	51305	100.08	ug/l	99
7) Trichlorofluoromethane	3.26	101	184496	100.89	ug/l	97
8) Diethyl Ether	3.69	74	57343	97.31	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	111488	94.04	ug/l	100
10) Methyl Iodide	4.28	142	152062	112.04	ug/l	100
11) Tert butyl alcohol	5.21	59	36560	506.62	ug/l	94
12) 1,1-Dichloroethene	4.04	96	104626	100.62	ug/l	98
13) Acrolein	3.91	56	35116	467.04	ug/l	99
14) Allyl chloride	4.68	41	176417	102.29	ug/l	100
15) Acrylonitrile	5.38	53	113763	513.67	ug/l	100
16) Acetone	4.14	43	79230	485.21	ug/l	99
17) Carbon Disulfide	4.38	76	360646	107.28	ug/l	98
18) Methyl Acetate	4.68	43	56171	96.60	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	268928	99.05	ug/l	99
20) Methylene Chloride	4.92	84	123162	76.32	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	119292	98.49	ug/l	96
22) Diisopropyl ether	6.32	45	339232	101.06	ug/l	99
23) Vinyl Acetate	6.26	43	913062	512.21	ug/l	99
24) 1,1-Dichloroethane	6.22	63	205859	100.81	ug/l	99
25) 2-Butanone	7.18	43	135947	486.10	ug/l	97
26) 2,2-Dichloropropane	7.17	77	174136	94.83	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	130580	101.23	ug/l	99
28) Bromochloromethane	7.51	49	78028	102.23	ug/l #	98
29) Tetrahydrofuran	7.54	42	90310	498.60	ug/l	100
30) Chloroform	7.68	83	211037	97.27	ug/l	98
31) Cyclohexane	7.96	56	193989	89.56	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	188237	96.33	ug/l	99
36) 1,1-Dichloropropene	8.09	75	169244	95.63	ug/l	99
37) Ethyl Acetate	7.26	43	60677	94.61	ug/l	98
38) Carbon Tetrachloride	8.07	117	164260	96.93	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	223078	100.73	ug/l	99
40) Benzene	8.32	78	481496	100.79	ug/l	100
41) Methacrylonitrile	7.49	41	38698	97.17	ug/l	97
42) 1,2-Dichloroethane	8.40	62	135367	97.60	ug/l	100
43) Isopropyl Acetate	8.43	43	126773	103.73	ug/l	98
44) Trichloroethene	9.09	130	132195	98.71	ug/l	96
45) 1,2-Dichloropropane	9.37	63	117050	99.40	ug/l	100
46) Dibromomethane	9.46	93	59506	100.90	ug/l	97
47) Bromodichloromethane	9.65	83	151407	97.45	ug/l	98
48) Methyl methacrylate	9.44	41	60616	102.86	ug/l	99
49) 1,4-Dioxane	9.47	88	17763	2026.55	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	304763	493.46	ug/l	100
52) Toluene	10.39	92	327139	100.62	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	157651	104.74	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	186370	102.49	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	85123	98.11	ug/l	99
56) Ethyl methacrylate	10.65	69	107241	106.48	ug/l	98
57) 1,3-Dichloropropane	10.93	76	145795	100.27	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	253026	480.78	ug/l	100
59) 2-Hexanone	10.97	43	214092	506.21	ug/l	99
60) Dibromochloromethane	11.13	129	104831	106.03	ug/l	100
61) 1,2-Dibromoethane	11.24	107	81448	102.62	ug/l	99
64) Tetrachloroethene	10.87	164	110077	99.76	ug/l	99
65) Chlorobenzene	11.66	112	357997	100.01	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	111159	102.65	ug/l	99
67) Ethyl Benzene	11.73	91	655284	99.65	ug/l	98
68) m/p-Xylenes	11.84	106	510025	197.68	ug/l	99
69) o-Xylene	12.17	106	240811	98.99	ug/l	99
70) Styrene	12.18	104	393025	101.51	ug/l	100
71) Bromoform	12.35	173	54175	106.20	ug/l #	100
73) Isopropylbenzene	12.47	105	657805	100.80	ug/l	100
74) N-amyl acetate	12.27	43	116146	106.19	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	88168	101.52	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	68041m	62.60	ug/l	
77) Bromobenzene	12.75	156	140877	100.50	ug/l	99
78) n-propylbenzene	12.81	91	794387	100.49	ug/l	99
79) 2-Chlorotoluene	12.90	91	458003	100.48	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	576229	102.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	27572	104.91	ug/l	98
82) 4-Chlorotoluene	12.99	91	480602	100.48	ug/l	100
83) tert-Butylbenzene	13.21	119	492678	100.83	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	578035	102.81	ug/l	100
85) sec-Butylbenzene	13.39	105	694891	100.67	ug/l	99
86) p-Isopropyltoluene	13.51	119	613300	100.71	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	282466	98.71	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	285430	100.04	ug/l	100
89) n-Butylbenzene	13.83	91	590071	102.97	ug/l	100
90) Hexachloroethane	14.10	117	95384	107.29	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	249200	99.39	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15675	106.86	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	172404	104.27	ug/l	99
94) Hexachlorobutadiene	15.24	225	90318	100.48	ug/l	99
95) Naphthalene	15.37	128	315597	105.15	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	143738	104.79	ug/l	99

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

