

Data File : VW007525.D
Acq On : 14 Dec 2018 10:49
Operator : SY/AP
Sample : VW1217SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1217SBS01

Manual Integrations
APPROVED

sam
1/8/2019 9:19:56 AM

Quant Time: Jan 08 04:14:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	113171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	105751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52746	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38725	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.88	113	35528	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
50) Toluene-d8	10.32	98	133845	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.62	95	52367	55.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	10299	21.143	ug/l	92
3) Chloromethane	2.21	50	8636	21.169	ug/l	92
4) Vinyl Chloride	2.37	62	10419	21.763	ug/l	89
5) Bromomethane	2.78	94	6937	21.566	ug/l	87
6) Chloroethane	2.93	64	5747	21.808	ug/l	99
7) Trichlorofluoromethane	3.25	101	8727	20.276	ug/l	92
8) Diethyl Ether	3.68	74	7343	21.797	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	14611	20.573	ug/l	94
10) Methyl Iodide	4.26	142	25578	21.746	ug/l	99
11) Tert butyl alcohol	5.18	59	5709	107.492	ug/l	97
12) 1,1-Dichloroethene	4.03	96	14752	21.574	ug/l	94
13) Acrolein	3.89	56	3027	86.134	ug/l	96
14) Allyl chloride	4.66	41	21256	21.089	ug/l	96
15) Acrylonitrile	5.37	53	15543	109.448	ug/l	99
16) Acetone	4.12	43	13557	100.366	ug/l	91
17) Carbon Disulfide	4.37	76	43892	21.170	ug/l	100
18) Methyl Acetate	4.67	43	9736	26.557	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	23337	22.624	ug/l	98
20) Methylene Chloride	4.91	84	17649	21.673	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	16142	21.103	ug/l	97
22) Diisopropyl ether	6.31	45	40744	21.031	ug/l	95
23) Vinyl Acetate	6.25	43	110214	101.708	ug/l	95
24) 1,1-Dichloroethane	6.21	63	27517	21.015	ug/l	98
25) 2-Butanone	7.17	43	18681	105.936	ug/l	94
26) 2,2-Dichloropropane	7.17	77	16345	18.862	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	17759	21.203	ug/l	100
28) Bromochloromethane	7.51	49	9974	20.251	ug/l	99
29) Tetrahydrofuran	7.52	42	12104	108.423	ug/l	95
30) Chloroform	7.68	83	30197	21.192	ug/l	96
31) Cyclohexane	7.95	56	24222	20.162	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	27182	21.753	ug/l	99
36) 1,1-Dichloropropene	8.08	75	22870	22.153	ug/l	98
37) Ethyl Acetate	7.25	43	8798	22.913	ug/l	98
38) Carbon Tetrachloride	8.07	117	25522	22.720	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	27816	22.251	ug/l	89
40) Benzene	8.32	78	63809	22.271	ug/l	99
41) Methacrylonitrile	7.49	41	5072	23.196	ug/l	98
42) 1,2-Dichloroethane	8.40	62	20375	22.639	ug/l	98
43) Isopropyl Acetate	8.43	43	17049	22.478	ug/l	100
44) Trichloroethene	9.09	130	18533	22.653	ug/l	98
45) 1,2-Dichloropropane	9.37	63	15006	22.633	ug/l	100
46) Dibromomethane	9.46	93	8821	23.428	ug/l	98
47) Bromodichloromethane	9.65	83	21886	22.161	ug/l #	92
48) Methyl methacrylate	9.44	41	8724	22.396	ug/l	96
49) 1,4-Dioxane	9.44	88	2812	460.293	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	40954	114.275	ug/l	99
52) Toluene	10.39	92	40870	22.043	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	21570	22.497	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	23634	21.323	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	12283	23.970	ug/l	94
56) Ethyl methacrylate	10.65	69	15017	24.381	ug/l	98
57) 1,3-Dichloropropane	10.93	76	20195	24.011	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	29845	105.076	ug/l	98
59) 2-Hexanone	10.97	43	28261	118.262	ug/l	99
60) Dibromochloromethane	11.13	129	15687	24.257	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12169	24.030	ug/l	98
64) Tetrachloroethene	10.86	164	17147	22.547	ug/l	94
65) Chlorobenzene	11.66	112	48154	21.847	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	17107	22.036	ug/l	100
67) Ethyl Benzene	11.73	91	83446	22.020	ug/l	93
68) m/p-Xylenes	11.84	106	65423	44.408	ug/l	99
69) o-Xylene	12.16	106	30708	22.318	ug/l	98
70) Styrene	12.18	104	50735	22.829	ug/l	98
71) Bromoform	12.35	173	9120	22.952	ug/l #	97
73) Isopropylbenzene	12.47	105	86798	21.476	ug/l	99
74) N-amyl acetate	12.27	43	15695	21.368	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	14192	23.708	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	10768m	24.759	ug/l	
77) Bromobenzene	12.75	156	19785	22.085	ug/l	96
78) n-propylbenzene	12.80	91	100664	22.132	ug/l	99
79) 2-Chlorotoluene	12.90	91	59174	21.501	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	74709	21.999	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	3866	19.636	ug/l	94
82) 4-Chlorotoluene	12.99	91	61354	21.149	ug/l	97
83) tert-Butylbenzene	13.21	119	65820	21.996	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	75463	21.594	ug/l	99
85) sec-Butylbenzene	13.39	105	90414	22.134	ug/l	95
86) p-Isopropyltoluene	13.50	119	80673	21.983	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	39337	22.023	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	39413	21.949	ug/l	96
89) n-Butylbenzene	13.83	91	72455	21.298	ug/l	99
90) Hexachloroethane	14.10	117	13764	21.080	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	34694	21.686	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2716	22.609	ug/l	96

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Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23184	21.058	ug/l	96
94) Hexachlorobutadiene	15.24	225	12391	21.212	ug/l	98
95) Naphthalene	15.37	128	47171	22.396	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	20530	21.466	ug/l	96

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

Data

