

Data File : VW008990.D
Acq On : 05 Mar 2019 12:19
Operator : SY/VA
Sample : VW0305SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS02

Manual Integrations
APPROVED

MMDadoda
3/8/2019 10:54:10 AM

Quant Time: Mar 06 07:17:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	259015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	189590	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	130359	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	7.88	113	118413	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
50) Toluene-d8	10.32	98	483613	56.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.72%	
62) 4-Bromofluorobenzene	12.62	95	184172	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	56663	21.842	ug/l	100
3) Chloromethane	2.21	50	68423	21.667	ug/l	98
4) Vinyl Chloride	2.35	62	70172	20.988	ug/l	98
5) Bromomethane	2.76	94	68357	27.526	ug/l	99
6) Chloroethane	2.92	64	49357	20.789	ug/l	97
7) Trichlorofluoromethane	3.26	101	97251	22.998	ug/l	98
8) Diethyl Ether	3.69	74	27131	20.266	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	59704	23.250	ug/l	96
10) Methyl Iodide	4.27	142	49422	15.391	ug/l	99
11) Tert butyl alcohol	5.19	59	17519	81.003	ug/l	98
12) 1,1-Dichloroethene	4.04	96	51771	22.828	ug/l	94
13) Acrolein	3.91	56	15094	80.711	ug/l	98
14) Allyl chloride	4.67	41	87069	22.245	ug/l	96
15) Acrylonitrile	5.37	53	57637	100.316	ug/l	95
16) Acetone	4.14	43	56137	99.693	ug/l	97
17) Carbon Disulfide	4.37	76	160046	21.270	ug/l	100
18) Methyl Acetate	4.68	43	24863	18.615	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	124709	20.316	ug/l	96
20) Methylene Chloride	4.92	84	63817	19.934	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	60388	23.020	ug/l	96
22) Diisopropyl ether	6.31	45	175622	22.493	ug/l	98
23) Vinyl Acetate	6.26	43	513022	106.344	ug/l	99
24) 1,1-Dichloroethane	6.21	63	105215	23.254	ug/l	99
25) 2-Butanone	7.18	43	76555	97.244	ug/l	95
26) 2,2-Dichloropropane	7.17	77	100483	24.462	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	63706	22.702	ug/l	98
28) Bromochloromethane	7.51	49	40036	21.145	ug/l	99
29) Tetrahydrofuran	7.53	42	45322	90.339	ug/l	98
30) Chloroform	7.67	83	105658	22.763	ug/l	98
31) Cyclohexane	7.95	56	105210	22.972	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	104192	24.684	ug/l	99
36) 1,1-Dichloropropene	8.08	75	90287	25.275	ug/l	99
37) Ethyl Acetate	7.26	43	32369	19.486	ug/l #	96
38) Carbon Tetrachloride	8.07	117	92858	24.649	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101180	22.708	ug/l	98
40) Benzene	8.32	78	230914	23.675	ug/l	97
41) Methacrylonitrile	7.49	41	18008	18.442	ug/l	97
42) 1,2-Dichloroethane	8.40	62	70380	22.779	ug/l	99
43) Isopropyl Acetate	8.42	43	64075	19.327	ug/l	99
44) Trichloroethene	9.09	130	67078	24.413	ug/l	99
45) 1,2-Dichloropropane	9.37	63	57432	23.829	ug/l	95
46) Dibromomethane	9.46	93	30526	22.770	ug/l	94
47) Bromodichloromethane	9.64	83	77451	23.745	ug/l	95
48) Methyl methacrylate	9.44	41	31328	19.730	ug/l	96
49) 1,4-Dioxane	9.45	88	7274	338.813	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	163151	96.928	ug/l	99
52) Toluene	10.38	92	156124	23.586	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	73162	22.006	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	86086	22.703	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	40982	22.541	ug/l	92
56) Ethyl methacrylate	10.65	69	46879	19.846	ug/l	97
57) 1,3-Dichloropropane	10.93	76	71046	22.132	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	116460	98.029	ug/l	100
59) 2-Hexanone	10.97	43	116059	96.863	ug/l	100
60) Dibromochloromethane	11.13	129	48113	21.696	ug/l	97
61) 1,2-Dibromoethane	11.23	107	37620	20.904	ug/l	98
64) Tetrachloroethene	10.86	164	58303	23.768	ug/l	97
65) Chlorobenzene	11.66	112	170525	23.665	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	56514	23.196	ug/l	96
67) Ethyl Benzene	11.73	91	309210	24.005	ug/l	98
68) m/p-Xylenes	11.84	106	244644	47.534	ug/l	100
69) o-Xylene	12.17	106	112479	23.284	ug/l	99
70) Styrene	12.18	104	182413	23.471	ug/l	100
71) Bromoform	12.35	173	27611	21.083	ug/l #	100
73) Isopropylbenzene	12.47	105	314595	24.205	ug/l	99
74) N-amyl acetate	12.27	43	62250	19.014	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	44669	21.034	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	37691m	24.079	ug/l	
77) Bromobenzene	12.75	156	71044	23.131	ug/l	99
78) n-propylbenzene	12.80	91	390662	24.572	ug/l	99
79) 2-Chlorotoluene	12.89	91	213526	23.655	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	264433	23.412	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	13205	20.509	ug/l	98
82) 4-Chlorotoluene	12.99	91	229659	24.144	ug/l	99
83) tert-Butylbenzene	13.21	119	227985	23.344	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	267133	22.848	ug/l	100
85) sec-Butylbenzene	13.38	105	339513	24.177	ug/l	99
86) p-Isopropyltoluene	13.50	119	300158	23.316	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	148207	23.258	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	145337	23.141	ug/l	97
89) n-Butylbenzene	13.83	91	281569	23.346	ug/l	100
90) Hexachloroethane	14.10	117	50819	24.114	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	131396	23.142	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7838	20.403	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030519\
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	88591	21.655	ug/l	99
94) Hexachlorobutadiene	15.24	225	60135	24.955	ug/l	98
95) Naphthalene	15.38	128	131512	18.881	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	74722	21.125	ug/l	99

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

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