

Data File : VW008971.D
Acq On : 04 Mar 2019 20:36
Operator : SY/VA
Sample : VW0305SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

Manual Integrations
APPROVED

MMDadoda
3/8/2019 10:53:58 AM

Quant Time: Mar 05 06:56:44 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	251561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	209560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	131333	55.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.32%	
35) Dibromofluoromethane	7.88	113	117508	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
50) Toluene-d8	10.32	98	443485	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.62	95	179360	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	47227	18.744	ug/l	95
3) Chloromethane	2.21	50	62230	20.290	ug/l	100
4) Vinyl Chloride	2.36	62	63143	19.445	ug/l	99
5) Bromomethane	2.74	94	51110	21.190	ug/l	98
6) Chloroethane	2.90	64	46047	19.969	ug/l	100
7) Trichlorofluoromethane	3.25	101	86992	21.182	ug/l	95
8) Diethyl Ether	3.68	74	27733	21.329	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54400	21.812	ug/l	98
10) Methyl Iodide	4.26	142	50004	16.033	ug/l	95
11) Tert butyl alcohol	5.17	59	22772	108.412	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	46312	21.026	ug/l	97
13) Acrolein	3.90	56	16171	86.993	ug/l	96
14) Allyl chloride	4.67	41	79021	20.787	ug/l	98
15) Acrylonitrile	5.37	53	62090	111.269	ug/l	99
16) Acetone	4.12	43	56924	104.086	ug/l	95
17) Carbon Disulfide	4.38	76	141187	19.320	ug/l	97
18) Methyl Acetate	4.67	43	27555	21.242	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	127541	21.393	ug/l	99
20) Methylene Chloride	4.92	84	65626	21.441	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	54924	21.557	ug/l	94
22) Diisopropyl ether	6.32	45	168738	22.251	ug/l	96
23) Vinyl Acetate	6.26	43	507571	108.332	ug/l	100
24) 1,1-Dichloroethane	6.21	63	97030	22.081	ug/l	97
25) 2-Butanone	7.17	43	81929	107.154	ug/l	99
26) 2,2-Dichloropropane	7.17	77	81861	20.519	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	59835	21.955	ug/l	97
28) Bromochloromethane	7.51	49	42448	23.084	ug/l	100
29) Tetrahydrofuran	7.53	42	53973	110.770	ug/l	99
30) Chloroform	7.68	83	102424	22.720	ug/l	99
31) Cyclohexane	7.95	56	90446	20.334	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	90224	22.008	ug/l	99
36) 1,1-Dichloropropene	8.09	75	77212	21.588	ug/l	99
37) Ethyl Acetate	7.25	43	37454	22.519	ug/l	97
38) Carbon Tetrachloride	8.07	117	80502	21.343	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89098	19.972	ug/l	99
40) Benzene	8.32	78	212010	21.711	ug/l	99
41) Methacrylonitrile	7.49	41	20761	21.236	ug/l	96
42) 1,2-Dichloroethane	8.40	62	71565	23.135	ug/l	100
43) Isopropyl Acetate	8.42	43	70210	21.151	ug/l	99
44) Trichloroethene	9.09	130	58249	21.174	ug/l	96
45) 1,2-Dichloropropane	9.37	63	54093	22.416	ug/l	99
46) Dibromomethane	9.46	93	29480	21.963	ug/l	99
47) Bromodichloromethane	9.64	83	72061	22.065	ug/l	97
48) Methyl methacrylate	9.44	41	31610	19.883	ug/l	93
49) 1,4-Dioxane	9.45	88	9633	448.145	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	185911	110.315	ug/l	99
52) Toluene	10.39	92	139940	21.115	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	71394	21.448	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	85049	22.402	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42619	23.413	ug/l	94
56) Ethyl methacrylate	10.65	69	48895	20.674	ug/l	98
57) 1,3-Dichloropropane	10.93	76	72040	22.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	140783	118.358	ug/l	97
59) 2-Hexanone	10.97	43	125911	104.957	ug/l	100
60) Dibromochloromethane	11.13	129	50030	22.533	ug/l	97
61) 1,2-Dibromoethane	11.24	107	39302	21.812	ug/l	99
64) Tetrachloroethene	10.86	164	54011	21.019	ug/l	93
65) Chlorobenzene	11.66	112	157932	20.923	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	54344	21.293	ug/l	98
67) Ethyl Benzene	11.73	91	278651	20.651	ug/l	98
68) m/p-Xylenes	11.84	106	229428	42.555	ug/l	98
69) o-Xylene	12.17	106	105150	20.779	ug/l	99
70) Styrene	12.18	104	171796	21.102	ug/l	100
71) Bromoform	12.35	173	28938	21.094	ug/l #	97
73) Isopropylbenzene	12.47	105	286498	19.943	ug/l	99
74) N-amyl acetate	12.27	43	70595	19.508	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	48427	20.630	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26952m	15.577	ug/l	
77) Bromobenzene	12.75	156	68908	20.298	ug/l	98
78) n-propylbenzene	12.80	91	354421	20.168	ug/l	100
79) 2-Chlorotoluene	12.90	91	202769	20.323	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	257764	20.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13228	18.586	ug/l	92
82) 4-Chlorotoluene	12.99	91	214253	20.378	ug/l	100
83) tert-Butylbenzene	13.21	119	210851	19.532	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	258387	19.994	ug/l	100
85) sec-Butylbenzene	13.39	105	311129	20.044	ug/l	99
86) p-Isopropyltoluene	13.50	119	279269	19.626	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	142793	20.273	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	144369	20.796	ug/l	99
89) n-Butylbenzene	13.83	91	265167	19.891	ug/l	99
90) Hexachloroethane	14.10	117	46223	19.843	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	128355	20.452	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8976	21.138	ug/l	94

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	91324	20.196	ug/l	99
94) Hexachlorobutadiene	15.24	225	56351	21.156	ug/l	99
95) Naphthalene	15.37	128	144376	18.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	79387	20.305	ug/l	98

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

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