

Data File : VW006378.D
Acq On : 26 Oct 2018 00:25
Operator : SY/AP
Sample : VW1027SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1027SBS01

Manual Integrations
APPROVED

apatel
10/26/2018 11:51:28 AM

Quant Time: Oct 26 07:48:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	227648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	332306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171926	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	93543	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.88	113	97098	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.32	98	357322	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
62) 4-Bromofluorobenzene	12.62	95	135391	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	18392m	16.326	ug/l	
3) Chloromethane	2.21	50	26991	18.613	ug/l	97
4) Vinyl Chloride	2.37	62	38490	18.586	ug/l	99
5) Bromomethane	2.78	94	39650	21.051	ug/l	98
6) Chloroethane	2.93	64	31489	21.218	ug/l	98
7) Trichlorofluoromethane	3.25	101	36623	18.984	ug/l	100
8) Diethyl Ether	3.68	74	22211	21.663	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42113	20.830	ug/l	99
10) Methyl Iodide	4.26	142	72813	21.638	ug/l	98
11) Tert butyl alcohol	5.23	59	13190	103.915	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	40050	21.056	ug/l	94
13) Acrolein	3.89	56	12047	98.084	ug/l	97
14) Allyl chloride	4.66	41	53795	19.780	ug/l	98
15) Acrylonitrile	5.37	53	42575	115.774	ug/l	100
16) Acetone	4.15	43	41424	108.620	ug/l	98
17) Carbon Disulfide	4.37	76	99065	17.257	ug/l	100
18) Methyl Acetate	4.68	43	22744	23.946	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	64354	22.214	ug/l	99
20) Methylene Chloride	4.91	84	48488	23.415	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	47028	22.151	ug/l	99
22) Diisopropyl ether	6.31	45	121184	22.548	ug/l	98
23) Vinyl Acetate	6.26	43	334070	105.326	ug/l	98
24) 1,1-Dichloroethane	6.21	63	79105	22.810	ug/l	99
25) 2-Butanone	7.18	43	58271	114.288	ug/l	96
26) 2,2-Dichloropropane	7.17	77	47733	19.515	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	54371	23.207	ug/l	98
28) Bromochloromethane	7.51	49	26017	19.433	ug/l	92
29) Tetrahydrofuran	7.54	42	34062	108.686	ug/l	97
30) Chloroform	7.68	83	88997	23.555	ug/l	96
31) Cyclohexane	7.96	56	67296	19.486	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	71646	21.021	ug/l	99
36) 1,1-Dichloropropene	8.09	75	66343	21.660	ug/l	99
37) Ethyl Acetate	7.26	43	26118	22.951	ug/l	99
38) Carbon Tetrachloride	8.07	117	67375	20.066	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81676	20.061	ug/l	100
40) Benzene	8.32	78	189032	22.499	ug/l	99
41) Methacrylonitrile	7.49	41	15951	23.251	ug/l	96
42) 1,2-Dichloroethane	8.40	62	56715	22.976	ug/l	99
43) Isopropyl Acetate	8.43	43	49545	21.293	ug/l	99
44) Trichloroethene	9.09	130	57975	22.491	ug/l	90
45) 1,2-Dichloropropane	9.37	63	45370	22.566	ug/l	99
46) Dibromomethane	9.46	93	26509	23.134	ug/l	98
47) Bromodichloromethane	9.65	83	60191	21.666	ug/l #	99
48) Methyl methacrylate	9.44	41	23901	21.670	ug/l	96
49) 1,4-Dioxane	9.47	88	8438	478.328	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	129396	110.992	ug/l	99
52) Toluene	10.39	92	127316	22.603	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	55689	20.119	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	66551	20.949	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38496	24.007	ug/l	98
56) Ethyl methacrylate	10.65	69	43333	22.043	ug/l	99
57) 1,3-Dichloropropane	10.93	76	62474	23.535	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	84378	112.330	ug/l	98
59) 2-Hexanone	10.98	43	86799	104.301	ug/l	96
60) Dibromochloromethane	11.13	129	43211	21.634	ug/l	100
61) 1,2-Dibromoethane	11.24	107	37041	23.118	ug/l	100
64) Tetrachloroethene	10.87	164	54793	22.960	ug/l	99
65) Chlorobenzene	11.66	112	149976	22.790	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	51051	21.829	ug/l	99
67) Ethyl Benzene	11.74	91	252631	22.152	ug/l	98
68) m/p-Xylenes	11.84	106	198100	43.947	ug/l	100
69) o-Xylene	12.17	106	94815	22.071	ug/l	100
70) Styrene	12.18	104	155226	22.220	ug/l	99
71) Bromoform	12.35	173	26424	20.257	ug/l #	99
73) Isopropylbenzene	12.47	105	261834	21.557	ug/l	99
74) N-amyl acetate	12.28	43	47103	19.967	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	42726	23.128	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26789m	20.400	ug/l	
77) Bromobenzene	12.75	156	67873	22.815	ug/l	99
78) n-propylbenzene	12.81	91	306194	21.668	ug/l	100
79) 2-Chlorotoluene	12.90	91	176226	22.196	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	224218	21.898	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9848	17.926	ug/l	93
82) 4-Chlorotoluene	12.99	91	186822	22.463	ug/l	100
83) tert-Butylbenzene	13.21	119	197515	21.560	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	230010	22.199	ug/l	100
85) sec-Butylbenzene	13.39	105	280123	21.644	ug/l	99
86) p-Isopropyltoluene	13.51	119	253915	21.690	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	135296	22.851	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	133476	22.642	ug/l	99
89) n-Butylbenzene	13.83	91	228022	21.299	ug/l	99
90) Hexachloroethane	14.10	117	38831	19.583	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	121484	23.003	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6500	19.652	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	92166	22.681	ug/l	99
94) Hexachlorobutadiene	15.24	225	56285	22.049	ug/l	100
95) Naphthalene	15.38	128	150331	22.239	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	80635	22.942	ug/l	99

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

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