

Data File : VW008972.D
Acq On : 04 Mar 2019 21:01
Operator : SY/VA
Sample : VW0305SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS01

Manual Integrations
APPROVED

MMDadoda
3/8/2019 10:54:04 AM

Quant Time: Mar 05 06:58:53 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	268381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	208093	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143336	56.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.88%	
35) Dibromofluoromethane	7.88	113	129713	54.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.52%	
50) Toluene-d8	10.32	98	476814	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.62	95	186858	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	52141	19.397	ug/l	93
3) Chloromethane	2.21	50	70824	21.645	ug/l	100
4) Vinyl Chloride	2.35	62	69686	20.115	ug/l	98
5) Bromomethane	2.76	94	64376	25.018	ug/l	99
6) Chloroethane	2.91	64	51160	20.796	ug/l	98
7) Trichlorofluoromethane	3.26	101	95798	21.864	ug/l	90
8) Diethyl Ether	3.68	74	29703	21.413	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	58394	21.946	ug/l	99
10) Methyl Iodide	4.26	142	57832	17.381	ug/l	99
11) Tert butyl alcohol	5.19	59	21428	95.620	ug/l	99
12) 1,1-Dichloroethene	4.03	96	50665	21.561	ug/l	95
13) Acrolein	3.90	56	16361	83.521	ug/l	99
14) Allyl chloride	4.67	41	86693	21.376	ug/l	96
15) Acrylonitrile	5.37	53	67055	112.635	ug/l	99
16) Acetone	4.13	43	58309	99.937	ug/l	99
17) Carbon Disulfide	4.37	76	154766	19.851	ug/l	95
18) Methyl Acetate	4.67	43	30220	21.837	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	144974	22.794	ug/l	98
20) Methylene Chloride	4.92	84	70398	21.590	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	60437	22.234	ug/l	86
22) Diisopropyl ether	6.31	45	183213	22.646	ug/l	99
23) Vinyl Acetate	6.26	43	569422	113.916	ug/l	99
24) 1,1-Dichloroethane	6.21	63	106411	22.698	ug/l	99
25) 2-Butanone	7.18	43	86836	106.454	ug/l	96
26) 2,2-Dichloropropane	7.17	77	86784	20.390	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	65022	22.363	ug/l	98
28) Bromochloromethane	7.51	49	42570	21.699	ug/l	100
29) Tetrahydrofuran	7.53	42	55758	107.262	ug/l	98
30) Chloroform	7.67	83	109406	22.748	ug/l	94
31) Cyclohexane	7.95	56	99539	20.976	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	100500	22.978	ug/l	98
36) 1,1-Dichloropropene	8.08	75	86186	22.442	ug/l	99
37) Ethyl Acetate	7.25	43	41012	22.965	ug/l	98
38) Carbon Tetrachloride	8.07	117	88772	21.919	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97093	20.269	ug/l	96
40) Benzene	8.32	78	230657	21.998	ug/l	100
41) Methacrylonitrile	7.48	41	21903	20.865	ug/l	97
42) 1,2-Dichloroethane	8.40	62	78133	23.523	ug/l	100
43) Isopropyl Acetate	8.43	43	78945	22.149	ug/l	99
44) Trichloroethene	9.09	130	64746	21.920	ug/l	96
45) 1,2-Dichloropropane	9.37	63	59617	23.009	ug/l	97
46) Dibromomethane	9.46	93	34003	23.593	ug/l	93
47) Bromodichloromethane	9.65	83	81636	23.281	ug/l #	98
48) Methyl methacrylate	9.43	41	34262	20.071	ug/l	96
49) 1,4-Dioxane	9.45	88	8744	378.851	ug/l #	68
51) 4-Methyl-2-Pentanone	10.21	43	197477	109.131	ug/l	99
52) Toluene	10.39	92	156467	21.988	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	78309	21.910	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	91983	22.565	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	45824	23.445	ug/l	97
56) Ethyl methacrylate	10.65	69	52946	20.850	ug/l	99
57) 1,3-Dichloropropane	10.93	76	79971	23.173	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	143287	112.191	ug/l	99
59) 2-Hexanone	10.97	43	130909	101.629	ug/l	100
60) Dibromochloromethane	11.13	129	55110	23.116	ug/l	100
61) 1,2-Dibromoethane	11.23	107	43784	22.631	ug/l	98
64) Tetrachloroethene	10.86	164	59220	21.782	ug/l	96
65) Chlorobenzene	11.66	112	172092	21.548	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	60491	22.401	ug/l	99
67) Ethyl Benzene	11.73	91	303158	21.234	ug/l	99
68) m/p-Xylenes	11.84	106	246731	43.253	ug/l	98
69) o-Xylene	12.17	106	114488	21.383	ug/l	100
70) Styrene	12.18	104	183278	21.277	ug/l	99
71) Bromoform	12.35	173	31576	21.753	ug/l #	99
73) Isopropylbenzene	12.47	105	308891	21.653	ug/l	99
74) N-amyl acetate	12.27	43	73679	20.504	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	52198	22.393	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	37906m	22.063	ug/l	
77) Bromobenzene	12.75	156	74495	22.098	ug/l	98
78) n-propylbenzene	12.80	91	380381	21.798	ug/l	100
79) 2-Chlorotoluene	12.89	91	215801	21.782	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	264888	21.367	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14871	21.042	ug/l	98
82) 4-Chlorotoluene	12.99	91	226690	21.713	ug/l	99
83) tert-Butylbenzene	13.21	119	226690	21.148	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	271069	21.123	ug/l	100
85) sec-Butylbenzene	13.38	105	327502	21.248	ug/l	99
86) p-Isopropyltoluene	13.50	119	291050	20.598	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	154502	22.090	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	151082	21.917	ug/l	99
89) n-Butylbenzene	13.83	91	273846	20.687	ug/l	99
90) Hexachloroethane	14.10	117	50729	21.931	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	135359	21.720	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8886	21.074	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	92082	20.507	ug/l	99
94) Hexachlorobutadiene	15.24	225	59111	22.349	ug/l	99
95) Naphthalene	15.37	128	148244	19.390	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	80093	20.630	ug/l	97

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

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