

Data Path : C:\DOCUMENTS AND SETTINGS\EUSER\DESKTOP\VW030819\
 Data File : VW009056.D
 Acq On : 08 Mar 2019 15:53
 Operator : SY/VA
 Sample : VW0308SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 2:53:28 PM

Quant Time: Mar 09 03:48:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	385846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	211477	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134563	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	7.88	113	115530	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	10.32	98	470622	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.62	95	179607	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	62252	22.782	ug/l	98
3) Chloromethane	2.21	50	76502	22.039	ug/l	93
4) Vinyl Chloride	2.36	62	76141	21.614	ug/l	99
5) Bromomethane	2.76	94	70053	23.558	ug/l	99
6) Chloroethane	2.91	64	52510	20.938	ug/l	98
7) Trichlorofluoromethane	3.26	101	99320	21.897	ug/l	98
8) Diethyl Ether	3.68	74	28992	20.904	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60204	21.312	ug/l	98
10) Methyl Iodide	4.27	142	57075	20.626	ug/l	100
11) Tert butyl alcohol	5.18	59	22692m	108.555	ug/l	
12) 1,1-Dichloroethene	4.03	96	52639	21.602	ug/l	94
13) Acrolein	3.90	56	21651	94.124	ug/l	96
14) Allyl chloride	4.67	41	86163	20.046	ug/l	98
15) Acrylonitrile	5.37	53	63242	104.480	ug/l	98
16) Acetone	4.14	43	67866	110.250	ug/l	98
17) Carbon Disulfide	4.37	76	173507	21.163	ug/l	98
18) Methyl Acetate	4.68	43	27447	19.390	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	133502	20.711	ug/l	98
20) Methylene Chloride	4.92	84	66022	19.489	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	58473	20.782	ug/l	96
22) Diisopropyl ether	6.31	45	178636	20.913	ug/l	93
23) Vinyl Acetate	6.26	43	560137	105.377	ug/l	100
24) 1,1-Dichloroethane	6.21	63	103587	20.908	ug/l	97
25) 2-Butanone	7.17	43	89012	104.631	ug/l	97
26) 2,2-Dichloropropane	7.17	77	96267	21.376	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	63082	20.875	ug/l	99
28) Bromochloromethane	7.51	49	43877	21.291	ug/l	95
29) Tetrahydrofuran	7.54	42	56135	104.709	ug/l	99
30) Chloroform	7.68	83	105089	20.602	ug/l	100
31) Cyclohexane	7.95	56	107106	21.054	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	97963	20.810	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86639	21.475	ug/l	100
37) Ethyl Acetate	7.26	43	39493	20.840	ug/l	99
38) Carbon Tetrachloride	8.07	117	88958	21.351	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99943	20.798	ug/l	97
40) Benzene	8.32	78	225118	20.903	ug/l	99
41) Methacrylonitrile	7.49	41	19951	18.959	ug/l	95
42) 1,2-Dichloroethane	8.40	62	72865	20.957	ug/l	99
43) Isopropyl Acetate	8.42	43	75069	21.269	ug/l	98
44) Trichloroethene	9.09	130	64267	21.291	ug/l	98
45) 1,2-Dichloropropane	9.37	63	57328	21.253	ug/l	94
46) Dibromomethane	9.46	93	31117	21.123	ug/l	97
47) Bromodichloromethane	9.64	83	78175	20.964	ug/l	98
48) Methyl methacrylate	9.43	41	32688	19.890	ug/l	89
49) 1,4-Dioxane	9.46	88	8601	407.727	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	187026	104.379	ug/l	99
52) Toluene	10.39	92	148699	20.359	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	75787	20.549	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	88581	20.900	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42258	21.164	ug/l	98
56) Ethyl methacrylate	10.65	69	49548	19.995	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74943	21.188	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	134010	104.318	ug/l	98
59) 2-Hexanone	10.97	43	134078	106.429	ug/l	100
60) Dibromochloromethane	11.13	129	51242	20.738	ug/l	100
61) 1,2-Dibromoethane	11.23	107	40498	20.690	ug/l	98
64) Tetrachloroethene	10.86	164	55882	20.964	ug/l	96
65) Chlorobenzene	11.66	112	164125	20.400	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	56018	20.853	ug/l	99
67) Ethyl Benzene	11.73	91	300097	20.648	ug/l	98
68) m/p-Xylenes	11.84	106	237552	41.408	ug/l	100
69) o-Xylene	12.16	106	109388	20.493	ug/l	97
70) Styrene	12.18	104	174334	20.186	ug/l	99
71) Bromoform	12.35	173	29695	20.588	ug/l #	97
73) Isopropylbenzene	12.46	105	300931	19.871	ug/l	100
74) N-amyl acetate	12.27	43	71512	19.947	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49980	20.922	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	42843m	25.642	ug/l	
77) Bromobenzene	12.75	156	69816	20.177	ug/l	96
78) n-propylbenzene	12.80	91	374793	20.092	ug/l	100
79) 2-Chlorotoluene	12.90	91	208664	19.910	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	261599	20.040	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14584	19.523	ug/l	99
82) 4-Chlorotoluene	12.99	91	224602	20.104	ug/l	99
83) tert-Butylbenzene	13.21	119	220758	20.051	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	261296	19.787	ug/l	100
85) sec-Butylbenzene	13.38	105	326124	19.993	ug/l	98
86) p-Isopropyltoluene	13.50	119	290314	19.895	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	146865	20.196	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	146744	20.419	ug/l	100
89) n-Butylbenzene	13.83	91	274841	19.812	ug/l	99
90) Hexachloroethane	14.10	117	49455	19.651	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	129587	20.198	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9070	21.318	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	88320	20.383	ug/l	99
94) Hexachlorobutadiene	15.24	225	56242	20.723	ug/l	99
95) Naphthalene	15.37	128	141228	19.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	76610	20.107	ug/l	100

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

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