

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013761.D
 Acq On : 28 Oct 2019 12:55
 Operator : SY/VA
 Sample : VW1028SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/29/2019 2:05:04 PM

Quant Time: Oct 29 11:03:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	320530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	451901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	199074	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	120663	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.88	113	123701	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.32	98	511100	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.62	95	173653	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	41427	24.533	ug/l	97
3) Chloromethane	2.21	50	45706	25.185	ug/l	96
4) Vinyl Chloride	2.36	62	67001	24.447	ug/l	99
5) Bromomethane	2.78	94	41951	23.274	ug/l	95
6) Chloroethane	2.92	64	36238	21.851	ug/l	98
7) Trichlorofluoromethane	3.25	101	41447	24.211	ug/l	95
8) Diethyl Ether	3.68	74	31551	22.813	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	60381	21.697	ug/l	99
10) Methyl Iodide	4.27	142	99290	21.894	ug/l	99
11) Tert butyl alcohol	5.23	59	17402	121.232	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	63975	22.255	ug/l	91
13) Acrolein	3.89	56	15435	93.857	ug/l	99
14) Allyl chloride	4.67	41	95627	21.634	ug/l	98
15) Acrylonitrile	5.37	53	65613	116.670	ug/l	100
16) Acetone	4.14	43	54975	107.830	ug/l	89
17) Carbon Disulfide	4.38	76	183896	22.275	ug/l	97
18) Methyl Acetate	4.67	43	37293	26.684	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	78976	22.894	ug/l	97
20) Methylene Chloride	4.92	84	68399	21.696	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	68785	22.232	ug/l	94
22) Diisopropyl ether	6.31	45	174814	21.681	ug/l	97
23) Vinyl Acetate	6.25	43	518888	110.909	ug/l	99
24) 1,1-Dichloroethane	6.21	63	112501	22.031	ug/l	98
25) 2-Butanone	7.18	43	81505	111.197	ug/l	94
26) 2,2-Dichloropropane	7.16	77	65969	22.341	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	71022	21.612	ug/l	98
28) Bromochloromethane	7.51	49	27732	16.174	ug/l #	99
29) Tetrahydrofuran	7.53	42	52819	116.396	ug/l	98
30) Chloroform	7.67	83	109742	21.740	ug/l	99
31) Cyclohexane	7.95	56	114377	21.403	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	89275	22.536	ug/l	98
36) 1,1-Dichloropropene	8.08	75	93537	22.225	ug/l	99
37) Ethyl Acetate	7.25	43	37344	23.180	ug/l	98
38) Carbon Tetrachloride	8.07	117	84372	22.263	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	117201	21.564	ug/l	97
40) Benzene	8.32	78	260357	21.860	ug/l	97
41) Methacrylonitrile	7.48	41	23561	23.452	ug/l	94
42) 1,2-Dichloroethane	8.40	62	66739	22.236	ug/l	99
43) Isopropyl Acetate	8.42	43	71759	23.270	ug/l	98
44) Trichloroethene	9.09	130	74681	21.890	ug/l	98
45) 1,2-Dichloropropane	9.37	63	61205	21.514	ug/l	97
46) Dibromomethane	9.46	93	30760	22.277	ug/l	99
47) Bromodichloromethane	9.64	83	76954	21.540	ug/l	99
48) Methyl methacrylate	9.43	41	36160	23.646	ug/l	98
49) 1,4-Dioxane	9.47	88	10714	525.100	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	179233	116.964	ug/l	100
52) Toluene	10.38	92	167477	21.799	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	80053	22.134	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	97030	21.745	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	46452	22.573	ug/l	98
56) Ethyl methacrylate	10.65	69	57523	22.343	ug/l	97
57) 1,3-Dichloropropane	10.93	76	78131	22.125	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	125959	106.301	ug/l	98
59) 2-Hexanone	10.97	43	122770	116.214	ug/l	99
60) Dibromochloromethane	11.13	129	53324	21.825	ug/l	100
61) 1,2-Dibromoethane	11.23	107	43927	22.563	ug/l	100
64) Tetrachloroethene	10.86	164	64345	21.848	ug/l	97
65) Chlorobenzene	11.66	112	172188	21.738	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	59751	21.614	ug/l	99
67) Ethyl Benzene	11.73	91	315401	22.082	ug/l	100
68) m/p-Xylenes	11.83	106	242941	44.024	ug/l	99
69) o-Xylene	12.16	106	110793	21.843	ug/l	100
70) Styrene	12.18	104	189533	21.748	ug/l	99
71) Bromoform	12.35	173	32960	22.719	ug/l #	100
73) Isopropylbenzene	12.46	105	306171	21.416	ug/l	100
74) N-amyl acetate	12.27	43	62829	22.719	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	51301	22.740	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	40463m	28.303	ug/l	
77) Bromobenzene	12.75	156	73428	21.501	ug/l	98
78) n-propylbenzene	12.80	91	357414	21.600	ug/l	99
79) 2-Chlorotoluene	12.89	91	199147	21.416	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	259923	21.538	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16983	22.450	ug/l	97
82) 4-Chlorotoluene	12.99	91	211313	21.646	ug/l	98
83) tert-Butylbenzene	13.21	119	224080	20.918	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	258888	21.747	ug/l	100
85) sec-Butylbenzene	13.38	105	316341	21.595	ug/l	100
86) p-Isopropyltoluene	13.50	119	294859	21.609	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	142761	21.575	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	141269	21.490	ug/l	98
89) n-Butylbenzene	13.82	91	268570	21.805	ug/l	100
90) Hexachloroethane	14.09	117	49048	20.680	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	123837	21.584	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7952	23.310	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	89416	21.415	ug/l	99
94) Hexachlorobutadiene	15.24	225	62293	22.099	ug/l	98
95) Naphthalene	15.36	128	149394	22.820	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	76662	21.308	ug/l	99

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

