

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012841.D
 Acq On : 10 Sep 2019 00:37
 Operator : SY/VA
 Sample : VW0909SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0909SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 8:15:46 AM

Quant Time: Sep 10 07:45:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	186632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	275918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	239641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	118982	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104650	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
35) Dibromofluoromethane	7.88	113	82100	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	10.32	98	325887	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.62	95	115631	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18126	17.915	ug/l	100
3) Chloromethane	2.21	50	24314	19.774	ug/l	98
4) Vinyl Chloride	2.36	62	30955	20.532	ug/l	98
5) Bromomethane	2.78	94	18573	22.686	ug/l	88
6) Chloroethane	2.92	64	18035	20.046	ug/l	97
7) Trichlorofluoromethane	3.25	101	16640	15.994	ug/l	95
8) Diethyl Ether	3.68	74	20201	23.102	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	33274	20.380	ug/l	98
10) Methyl Iodide	4.27	142	40915	19.907	ug/l	98
11) Tert butyl alcohol	5.20	59	19608	122.898	ug/l #	92
12) 1,1-Dichloroethene	4.04	96	29801	19.336	ug/l	95
13) Acrolein	3.90	56	14873	87.845	ug/l	94
14) Allyl chloride	4.66	41	57714	18.102	ug/l	99
15) Acrylonitrile	5.37	53	59283	116.075	ug/l	99
16) Acetone	4.13	43	52563	92.460	ug/l	96
17) Carbon Disulfide	4.37	76	61097	18.675	ug/l	98
18) Methyl Acetate	4.67	43	34186	25.631	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	64935	21.244	ug/l	100
20) Methylene Chloride	4.91	84	38921	21.884	ug/l	84
21) trans-1,2-Dichloroethene	5.42	96	31797	20.219	ug/l	83
22) Diisopropyl ether	6.31	45	122555	19.381	ug/l	96
23) Vinyl Acetate	6.25	43	408780	102.003	ug/l	100
24) 1,1-Dichloroethane	6.21	63	65662	19.285	ug/l	99
25) 2-Butanone	7.17	43	84258	112.416	ug/l	99
26) 2,2-Dichloropropane	7.16	77	38095	17.715	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	36784	20.173	ug/l	94
28) Bromochloromethane	7.51	49	27922	17.860	ug/l #	92
29) Tetrahydrofuran	7.53	42	54311	118.304	ug/l	96
30) Chloroform	7.67	83	64928	19.241	ug/l	97
31) Cyclohexane	7.95	56	59098	19.280	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	53318	19.493	ug/l	98
36) 1,1-Dichloropropene	8.08	75	48521	19.792	ug/l	97
37) Ethyl Acetate	7.24	43	35276	22.572	ug/l	97
38) Carbon Tetrachloride	8.07	117	47275	19.562	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	56812	20.633	ug/l	98
40) Benzene	8.32	78	136836	20.117	ug/l	97
41) Methacrylonitrile	7.48	41	22016	22.971	ug/l	95
42) 1,2-Dichloroethane	8.40	62	48710	20.348	ug/l	98
43) Isopropyl Acetate	8.42	43	66379	22.419	ug/l	98
44) Trichloroethene	9.09	130	36303	20.705	ug/l	82
45) 1,2-Dichloropropane	9.37	63	36560	19.379	ug/l	94
46) Dibromomethane	9.46	93	19216	21.510	ug/l	97
47) Bromodichloromethane	9.64	83	47504	19.328	ug/l	100
48) Methyl methacrylate	9.43	41	31416	22.202	ug/l	99
49) 1,4-Dioxane	9.47	88	8594	487.012	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	184574	118.799	ug/l	100
52) Toluene	10.38	92	85374	20.110	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	49514	19.592	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	54378	18.967	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	29637	22.159	ug/l	99
56) Ethyl methacrylate	10.65	69	44165	22.559	ug/l	95
57) 1,3-Dichloropropane	10.93	76	51759	20.919	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	118229	113.753	ug/l	97
59) 2-Hexanone	10.97	43	126569	111.507	ug/l	99
60) Dibromochloromethane	11.13	129	31503	20.028	ug/l	96
61) 1,2-Dibromoethane	11.23	107	27134	22.129	ug/l	98
64) Tetrachloroethene	10.86	164	33262	22.875	ug/l	97
65) Chlorobenzene	11.66	112	91970	20.306	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	33855	20.071	ug/l	97
67) Ethyl Benzene	11.73	91	172249	20.269	ug/l	98
68) m/p-Xylenes	11.84	106	123125	40.140	ug/l	99
69) o-Xylene	12.16	106	58773	20.309	ug/l	98
70) Styrene	12.18	104	103325	20.206	ug/l	98
71) Bromoform	12.35	173	20403	21.772	ug/l #	99
73) Isopropylbenzene	12.46	105	174736	20.476	ug/l	98
74) N-amyl acetate	12.27	43	58171	21.475	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	39248	22.901	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31131m	25.588	ug/l	
77) Bromobenzene	12.74	156	40240	20.813	ug/l	96
78) n-propylbenzene	12.80	91	200533	19.648	ug/l	99
79) 2-Chlorotoluene	12.89	91	116244	19.840	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	144039	20.031	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11665	20.279	ug/l	98
82) 4-Chlorotoluene	12.99	91	119592	19.296	ug/l	99
83) tert-Butylbenzene	13.21	119	130194	20.477	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	144254	19.909	ug/l	99
85) sec-Butylbenzene	13.38	105	176972	20.058	ug/l	98
86) p-Isopropyltoluene	13.49	119	160550	19.922	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	77105	20.290	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	77246	20.428	ug/l	99
89) n-Butylbenzene	13.82	91	147723	18.881	ug/l	100
90) Hexachloroethane	14.09	117	27407	19.481	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	69358	20.278	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7309	23.304	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	49975	20.986	ug/l	94
94) Hexachlorobutadiene	15.23	225	33622	20.398	ug/l	95
95) Naphthalene	15.36	128	103018	23.244	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	46247	22.001	ug/l	100

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

