

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012963.D
 Acq On : 13 Sep 2019 20:06
 Operator : SY/VA
 Sample : VW0914SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0914SBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 12:43:51 AM

Quant Time: Sep 14 04:48:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	414554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	361911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	183776	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	142874	55.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.12%	
35) Dibromofluoromethane	7.88	113	117139	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	10.32	98	476177	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
62) 4-Bromofluorobenzene	12.62	95	167693	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25065	20.684	ug/l	96
3) Chloromethane	2.21	50	34046	22.516	ug/l	99
4) Vinyl Chloride	2.35	62	42794	21.281	ug/l	99
5) Bromomethane	2.77	94	25435	20.713	ug/l	99
6) Chloroethane	2.91	64	25337	20.544	ug/l	98
7) Trichlorofluoromethane	3.25	101	25556	18.174	ug/l	95
8) Diethyl Ether	3.68	74	22200	20.219	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41634	19.521	ug/l	98
10) Methyl Iodide	4.26	142	56034	20.994	ug/l	99
11) Tert butyl alcohol	5.19	59	21449	110.510	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	39589	20.415	ug/l	94
13) Acrolein	3.89	56	21602	108.983	ug/l	98
14) Allyl chloride	4.67	41	75063	20.390	ug/l	99
15) Acrylonitrile	5.36	53	58852	104.944	ug/l	97
16) Acetone	4.13	43	53470	81.821	ug/l	98
17) Carbon Disulfide	4.38	76	82036	21.228	ug/l	100
18) Methyl Acetate	4.67	43	35359	23.920	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	78253	20.443	ug/l	97
20) Methylene Chloride	4.91	84	48211	19.874	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	41752	20.103	ug/l	98
22) Diisopropyl ether	6.31	45	153786	20.108	ug/l	97
23) Vinyl Acetate	6.25	43	464356	101.374	ug/l	98
24) 1,1-Dichloroethane	6.21	63	87888	19.931	ug/l	97
25) 2-Butanone	7.17	43	84800	102.783	ug/l	98
26) 2,2-Dichloropropane	7.17	77	57255	17.655	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	49790	20.024	ug/l	99
28) Bromochloromethane	7.51	49	35951	19.370	ug/l #	99
29) Tetrahydrofuran	7.52	42	52362	111.387	ug/l	98
30) Chloroform	7.67	83	88404	19.731	ug/l	97
31) Cyclohexane	7.95	56	73001	19.457	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	71634	19.414	ug/l	100
36) 1,1-Dichloropropene	8.08	75	64659	19.519	ug/l	98
37) Ethyl Acetate	7.25	43	37254	21.187	ug/l	98
38) Carbon Tetrachloride	8.07	117	64459	18.988	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	69536	19.156	ug/l	95
40) Benzene	8.32	78	186221	20.137	ug/l	97
41) Methacrylonitrile	7.48	41	23837	20.586	ug/l	97
42) 1,2-Dichloroethane	8.40	62	61514	19.843	ug/l	99
43) Isopropyl Acetate	8.42	43	70373	20.845	ug/l	99
44) Trichloroethene	9.09	130	48342	19.084	ug/l	89
45) 1,2-Dichloropropane	9.37	63	48311	19.663	ug/l	95
46) Dibromomethane	9.46	93	24318	20.658	ug/l	98
47) Bromodichloromethane	9.64	83	63981	19.377	ug/l	97
48) Methyl methacrylate	9.43	41	32199	20.322	ug/l	97
49) 1,4-Dioxane	9.46	88	8607	436.360	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	183403	105.225	ug/l	99
52) Toluene	10.38	92	116807	19.877	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	64403	19.394	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	73820	19.428	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	35748	19.935	ug/l	96
56) Ethyl methacrylate	10.65	69	48742	20.193	ug/l	98
57) 1,3-Dichloropropane	10.93	76	65187	20.492	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	132789	102.554	ug/l	99
59) 2-Hexanone	10.96	43	124387	102.491	ug/l	100
60) Dibromochloromethane	11.13	129	41568	19.173	ug/l	98
61) 1,2-Dibromoethane	11.23	107	32213	19.692	ug/l	97
64) Tetrachloroethene	10.86	164	42201	19.601	ug/l	94
65) Chlorobenzene	11.65	112	125442	19.459	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	46563	18.848	ug/l	99
67) Ethyl Benzene	11.73	91	230253	19.339	ug/l	98
68) m/p-Xylenes	11.83	106	166551	38.293	ug/l	97
69) o-Xylene	12.16	106	77471	18.999	ug/l	97
70) Styrene	12.18	104	141862	19.557	ug/l	98
71) Bromoform	12.35	173	25581	19.714	ug/l #	98
73) Isopropylbenzene	12.46	105	225600	18.520	ug/l	100
74) N-amyl acetate	12.27	43	61530	19.636	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	42276	19.760	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	33483m	20.800	ug/l	
77) Bromobenzene	12.74	156	53427	19.039	ug/l	98
78) n-propylbenzene	12.80	91	266424	18.594	ug/l	99
79) 2-Chlorotoluene	12.89	91	155682	18.900	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	191004	18.535	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12851	18.110	ug/l	90
82) 4-Chlorotoluene	12.99	91	164363	18.912	ug/l	99
83) tert-Butylbenzene	13.20	119	170496	18.497	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	194132	19.064	ug/l	99
85) sec-Butylbenzene	13.38	105	229809	18.299	ug/l	99
86) p-Isopropyltoluene	13.50	119	213053	18.478	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	103544	18.639	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	102747	18.821	ug/l	98
89) n-Butylbenzene	13.82	91	198990	18.300	ug/l	99
90) Hexachloroethane	14.09	117	37285	18.045	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	92627	18.961	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7708	19.683	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	64702	18.571	ug/l	99
94) Hexachlorobutadiene	15.24	225	46011	18.655	ug/l	98
95) Naphthalene	15.36	128	113588	19.512	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	56242	18.262	ug/l	98

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

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