

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009106.D
 Acq On : 12 Mar 2019 01:42
 Operator : SY/VA
 Sample : VW0311SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0311SBSD02

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 1:16:18 PM

Quant Time: Mar 12 09:51:45 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	298629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	468663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	451899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	240872	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	179509	59.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.50%	
35) Dibromofluoromethane	7.88	113	152910	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
50) Toluene-d8	10.32	98	599004	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.62	95	232293	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	59867	19.892	ug/l	95
3) Chloromethane	2.20	50	78193	20.452	ug/l	98
4) Vinyl Chloride	2.35	62	78831	20.317	ug/l	98
5) Bromomethane	2.76	94	81049	24.746	ug/l	95
6) Chloroethane	2.90	64	59772	21.639	ug/l	96
7) Trichlorofluoromethane	3.25	101	101114	20.240	ug/l	98
8) Diethyl Ether	3.68	74	35336	23.133	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60342	19.394	ug/l	96
10) Methyl Iodide	4.27	142	49606	16.948	ug/l	99
11) Tert butyl alcohol	5.20	59	27800	120.746	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	53642	19.987	ug/l	98
13) Acrolein	3.89	56	22643	89.373	ug/l	98
14) Allyl chloride	4.67	41	98152	20.733	ug/l	97
15) Acrylonitrile	5.37	53	70974	106.458	ug/l	98
16) Acetone	4.14	43	61520	90.739	ug/l	98
17) Carbon Disulfide	4.37	76	177425	19.648	ug/l #	95
18) Methyl Acetate	4.68	43	41534	26.641	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	162792	22.929	ug/l	98
20) Methylene Chloride	4.91	84	68586	18.036	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	63669	20.545	ug/l	91
22) Diisopropyl ether	6.31	45	210979	22.425	ug/l	98
23) Vinyl Acetate	6.26	43	614822	105.015	ug/l	99
24) 1,1-Dichloroethane	6.21	63	118967	21.801	ug/l	97
25) 2-Butanone	7.18	43	96610	103.106	ug/l	96
26) 2,2-Dichloropropane	7.16	77	92383	18.625	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	72017	21.638	ug/l	99
28) Bromochloromethane	7.51	49	50927	22.437	ug/l	99
29) Tetrahydrofuran	7.53	42	62588	105.997	ug/l	99
30) Chloroform	7.67	83	122847	21.866	ug/l	97
31) Cyclohexane	7.95	56	113230	20.208	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	110012	21.218	ug/l	99
36) 1,1-Dichloropropene	8.08	75	97213	19.838	ug/l	99
37) Ethyl Acetate	7.25	43	43265	18.796	ug/l	99
38) Carbon Tetrachloride	8.07	117	95758	18.921	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	106507	18.248	ug/l	97
40) Benzene	8.32	78	259367	19.827	ug/l	98
41) Methacrylonitrile	7.49	41	24673	19.303	ug/l	93
42) 1,2-Dichloroethane	8.40	62	85359	20.212	ug/l	98
43) Isopropyl Acetate	8.42	43	86549	20.189	ug/l	99
44) Trichloroethene	9.09	130	71039	19.376	ug/l	94
45) 1,2-Dichloropropane	9.37	63	67938	20.736	ug/l	97
46) Dibromomethane	9.46	93	37018	20.688	ug/l	98
47) Bromodichloromethane	9.64	83	94232	20.804	ug/l	96
48) Methyl methacrylate	9.43	41	38745	19.410	ug/l #	88
49) 1,4-Dioxane	9.47	88	9214	359.602	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	215883	99.194	ug/l	99
52) Toluene	10.38	92	168426	18.985	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	89104	19.890	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	103842	20.171	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	50576	20.854	ug/l	100
56) Ethyl methacrylate	10.65	69	59234	19.680	ug/l	98
57) 1,3-Dichloropropane	10.93	76	89960	20.939	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	163970	105.085	ug/l	98
59) 2-Hexanone	10.97	43	143337	93.673	ug/l	98
60) Dibromochloromethane	11.13	129	61703	20.559	ug/l	100
61) 1,2-Dibromoethane	11.23	107	46905	19.729	ug/l	95
64) Tetrachloroethene	10.86	164	68502	21.020	ug/l	95
65) Chlorobenzene	11.66	112	188715	19.186	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	65662	19.993	ug/l	99
67) Ethyl Benzene	11.73	91	333989	18.796	ug/l	98
68) m/p-Xylenes	11.84	106	261773	37.322	ug/l	99
69) o-Xylene	12.16	106	121635	18.638	ug/l	96
70) Styrene	12.18	104	201767	19.109	ug/l	100
71) Bromoform	12.35	173	34690	19.672	ug/l #	99
73) Isopropylbenzene	12.46	105	335996	19.479	ug/l	99
74) N-amyl acetate	12.27	43	75973	18.605	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	55519	20.405	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	48356m	25.409	ug/l	
77) Bromobenzene	12.74	156	79318	20.125	ug/l	97
78) n-propylbenzene	12.80	91	404250	19.027	ug/l	100
79) 2-Chlorotoluene	12.90	91	236219	19.788	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	283304	19.054	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15454	18.163	ug/l	96
82) 4-Chlorotoluene	12.99	91	244655	19.227	ug/l	98
83) tert-Butylbenzene	13.21	119	244739	19.517	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	287105	19.089	ug/l	100
85) sec-Butylbenzene	13.38	105	354464	19.078	ug/l	99
86) p-Isopropyltoluene	13.50	119	304651	18.330	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	160462	19.373	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	157213	19.206	ug/l	99
89) n-Butylbenzene	13.83	91	286264	18.117	ug/l	99
90) Hexachloroethane	14.10	117	55437	19.339	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	140520	19.229	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9435	19.469	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	90763	18.391	ug/l	99
94) Hexachlorobutadiene	15.24	225	56175	18.172	ug/l	98
95) Naphthalene	15.37	128	153393	18.987	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	78045	17.984	ug/l	98

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

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