

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008906.D
 Acq On : 01 Mar 2019 01:20
 Operator : SY/VA
 Sample : VW0228SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS02

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 2:57:24 PM

Quant Time: Mar 01 07:03:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	284824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	424712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	404555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	217235	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	153632	57.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.02%	
35) Dibromofluoromethane	7.88	113	137150	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
50) Toluene-d8	10.32	98	515923	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.62	95	199310	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	52637	18.452	ug/l	98
3) Chloromethane	2.21	50	70167	20.206	ug/l	99
4) Vinyl Chloride	2.35	62	71855	19.544	ug/l	97
5) Bromomethane	2.74	94	67131	24.582	ug/l	98
6) Chloroethane	2.90	64	54545	20.892	ug/l	95
7) Trichlorofluoromethane	3.25	101	97067	20.874	ug/l	97
8) Diethyl Ether	3.68	74	32146	21.836	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60023	21.256	ug/l	98
10) Methyl Iodide	4.27	142	60354	17.092	ug/l	100
11) Tert butyl alcohol	5.18	59	27110	113.991	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	53099	21.292	ug/l	100
13) Acrolein	3.90	56	18792	88.765	ug/l	99
14) Allyl chloride	4.67	41	91244	21.199	ug/l	97
15) Acrylonitrile	5.37	53	74250	117.521	ug/l	99
16) Acetone	4.13	43	61144	98.746	ug/l	95
17) Carbon Disulfide	4.37	76	156245	18.883	ug/l	99
18) Methyl Acetate	4.67	43	33916	23.093	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	158274	23.448	ug/l	97
20) Methylene Chloride	4.92	84	69911	19.837	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	63584	22.042	ug/l	97
22) Diisopropyl ether	6.31	45	198629	23.134	ug/l	97
23) Vinyl Acetate	6.26	43	614648	115.865	ug/l	99
24) 1,1-Dichloroethane	6.22	63	113146	22.741	ug/l	99
25) 2-Butanone	7.17	43	98194	113.428	ug/l	98
26) 2,2-Dichloropropane	7.16	77	84104	18.619	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	70411	22.818	ug/l	95
28) Bromochloromethane	7.51	49	49904	23.969	ug/l	97
29) Tetrahydrofuran	7.52	42	63447	115.007	ug/l	99
30) Chloroform	7.67	83	117883	23.096	ug/l	98
31) Cyclohexane	7.95	56	104319	20.714	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	105213	22.667	ug/l	100
36) 1,1-Dichloropropene	8.08	75	90022	21.774	ug/l	98
37) Ethyl Acetate	7.25	43	44644	23.221	ug/l	98
38) Carbon Tetrachloride	8.06	117	91713	21.035	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102869	19.948	ug/l	98
40) Benzene	8.32	78	251268	22.260	ug/l	100
41) Methacrylonitrile	7.48	41	21573	19.090	ug/l #	90
42) 1,2-Dichloroethane	8.40	62	83131	23.248	ug/l	100
43) Isopropyl Acetate	8.42	43	86454	22.531	ug/l	100
44) Trichloroethene	9.09	130	70707	22.236	ug/l	95
45) 1,2-Dichloropropane	9.37	63	64350	23.069	ug/l	91
46) Dibromomethane	9.46	93	36317	23.407	ug/l	96
47) Bromodichloromethane	9.64	83	87297	23.125	ug/l	95
48) Methyl methacrylate	9.44	41	37339	20.318	ug/l	91
49) 1,4-Dioxane	9.46	88	9978	401.577	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	219334	112.591	ug/l	99
52) Toluene	10.38	92	161054	21.023	ug/l	96
53) t-1,3-Dichloropropene	10.60	75	81547	21.194	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	97329	22.179	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	50103	23.811	ug/l	98
56) Ethyl methacrylate	10.65	69	59578	21.793	ug/l	100
57) 1,3-Dichloropropane	10.93	76	85164	22.923	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	166092	120.800	ug/l	100
59) 2-Hexanone	10.97	43	145153	104.675	ug/l	98
60) Dibromochloromethane	11.13	129	59139	23.042	ug/l	99
61) 1,2-Dibromoethane	11.24	107	47896	22.996	ug/l	99
64) Tetrachloroethene	10.86	164	68118	23.522	ug/l	96
65) Chlorobenzene	11.66	112	183679	21.592	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	62897	21.867	ug/l	98
67) Ethyl Benzene	11.73	91	322325	21.196	ug/l	100
68) m/p-Xylenes	11.84	106	254493	41.885	ug/l	98
69) o-Xylene	12.16	106	118541	20.786	ug/l	100
70) Styrene	12.18	104	194757	21.227	ug/l	100
71) Bromoform	12.35	173	33466	21.645	ug/l #	99
73) Isopropylbenzene	12.46	105	320780	21.540	ug/l	99
74) N-amyl acetate	12.27	43	78770	20.998	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	57174	23.496	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	40369m	22.508	ug/l	
77) Bromobenzene	12.75	156	78062	22.182	ug/l	98
78) n-propylbenzene	12.80	91	388072	21.303	ug/l	100
79) 2-Chlorotoluene	12.89	91	224587	21.714	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	269980	20.861	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	13997	18.972	ug/l	95
82) 4-Chlorotoluene	12.99	91	230887	21.184	ug/l	98
83) tert-Butylbenzene	13.21	119	235474	21.043	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	272741	20.359	ug/l	100
85) sec-Butylbenzene	13.38	105	340616	21.169	ug/l	100
86) p-Isopropyltoluene	13.50	119	298346	20.226	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	153722	21.053	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	155368	21.590	ug/l	100
89) n-Butylbenzene	13.83	91	270677	19.587	ug/l	100
90) Hexachloroethane	14.10	117	53142	22.007	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	139507	21.443	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9236	20.982	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	94232	20.103	ug/l	100
94) Hexachlorobutadiene	15.24	225	58764	21.283	ug/l	98
95) Naphthalene	15.37	128	160550	20.116	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	82059	20.247	ug/l	98

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

