

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013689.D
 Acq On : 24 Oct 2019 02:13
 Operator : SY/VA
 Sample : VW1023SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1023SBS02

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 1:25:47 PM

Quant Time: Oct 24 08:40:51 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	262956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	376354	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	171556	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	112418	56.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.98%	
35) Dibromofluoromethane	7.88	113	111416	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
50) Toluene-d8	10.32	98	448753	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.62	95	156433	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31471	22.717	ug/l	100
3) Chloromethane	2.21	50	33090	22.226	ug/l	99
4) Vinyl Chloride	2.36	62	49277	21.916	ug/l	99
5) Bromomethane	2.76	94	31907	21.577	ug/l	94
6) Chloroethane	2.92	64	29204	21.466	ug/l	98
7) Trichlorofluoromethane	3.26	101	24339	17.331	ug/l	98
8) Diethyl Ether	3.68	74	26118	23.019	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47476	20.795	ug/l	98
10) Methyl Iodide	4.27	142	79905	21.478	ug/l	100
11) Tert butyl alcohol	5.17	59	18037	153.168	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	48811	20.697	ug/l	97
13) Acrolein	3.88	56	13151	97.478	ug/l	94
14) Allyl chloride	4.67	41	73668	20.315	ug/l	98
15) Acrylonitrile	5.37	53	63346	137.301	ug/l	97
16) Acetone	4.12	43	46966	112.291	ug/l	100
17) Carbon Disulfide	4.39	76	138084	20.388	ug/l	99
18) Methyl Acetate	4.67	43	37812	32.979	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	64328	22.731	ug/l	98
20) Methylene Chloride	4.92	84	58234	22.715	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	52708	20.765	ug/l	99
22) Diisopropyl ether	6.31	45	145246	21.958	ug/l	97
23) Vinyl Acetate	6.25	43	431529	112.432	ug/l	99
24) 1,1-Dichloroethane	6.21	63	88804	21.198	ug/l	97
25) 2-Butanone	7.17	43	81278	135.166	ug/l	92
26) 2,2-Dichloropropane	7.16	77	46631	19.249	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	57955	21.497	ug/l	99
28) Bromochloromethane	7.51	49	24213	17.128	ug/l #	95
29) Tetrahydrofuran	7.53	42	53501	143.712	ug/l	99
30) Chloroform	7.67	83	87543	21.139	ug/l	98
31) Cyclohexane	7.96	56	88268	20.134	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	68617	21.114	ug/l	98
36) 1,1-Dichloropropene	8.08	75	71222	20.320	ug/l	99
37) Ethyl Acetate	7.25	43	34019	25.355	ug/l	97
38) Carbon Tetrachloride	8.07	117	63332	20.065	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	89895	19.860	ug/l	100
40) Benzene	8.32	78	207041	20.873	ug/l	98
41) Methacrylonitrile	7.48	41	21052	25.161	ug/l	96
42) 1,2-Dichloroethane	8.40	62	56691	22.680	ug/l	98
43) Isopropyl Acetate	8.42	43	64166	24.984	ug/l	98
44) Trichloroethene	9.09	130	58464	20.576	ug/l	92
45) 1,2-Dichloropropane	9.37	63	51981	21.940	ug/l	99
46) Dibromomethane	9.46	93	26542	23.081	ug/l	98
47) Bromodichloromethane	9.64	83	63956	21.495	ug/l	96
48) Methyl methacrylate	9.43	41	30189	23.704	ug/l	91
49) 1,4-Dioxane	9.44	88	10214	601.081	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	168915	132.358	ug/l	99
52) Toluene	10.38	92	131620	20.571	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	64980	21.573	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	78130	21.024	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	39274	22.916	ug/l	97
56) Ethyl methacrylate	10.65	69	51994	24.249	ug/l	99
57) 1,3-Dichloropropane	10.93	76	66623	22.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	117205	118.769	ug/l	99
59) 2-Hexanone	10.97	43	117876	133.980	ug/l	100
60) Dibromochloromethane	11.13	129	44788	22.011	ug/l	98
61) 1,2-Dibromoethane	11.23	107	37889	23.369	ug/l	100
64) Tetrachloroethene	10.86	164	54165	21.366	ug/l	99
65) Chlorobenzene	11.66	112	139996	20.532	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	48855	20.531	ug/l	100
67) Ethyl Benzene	11.73	91	244343	19.874	ug/l	95
68) m/p-Xylenes	11.84	106	190356	40.074	ug/l	98
69) o-Xylene	12.16	106	88527	20.276	ug/l	98
70) Styrene	12.18	104	155268	20.698	ug/l	100
71) Bromoform	12.35	173	28585	22.891	ug/l #	96
73) Isopropylbenzene	12.46	105	243758	19.785	ug/l	100
74) N-amyl acetate	12.27	43	57103	23.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46907	24.127	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30130m	24.456	ug/l	
77) Bromobenzene	12.74	156	60835	20.670	ug/l	97
78) n-propylbenzene	12.80	91	286114	20.065	ug/l	100
79) 2-Chlorotoluene	12.89	91	161941	20.209	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	206843	19.889	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	14291	21.922	ug/l	92
82) 4-Chlorotoluene	12.99	91	170656	20.285	ug/l	97
83) tert-Butylbenzene	13.21	119	183592	19.887	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	208782	20.351	ug/l	100
85) sec-Butylbenzene	13.38	105	251341	19.910	ug/l	99
86) p-Isopropyltoluene	13.50	119	232496	19.771	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	115041	20.175	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	114781	20.261	ug/l	99
89) n-Butylbenzene	13.82	91	204370	19.254	ug/l	99
90) Hexachloroethane	14.09	117	40134	19.635	ug/l	99
91) 1,2-Dichlorobenzene	13.86	146	103591	20.952	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7354	25.015	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	71575	19.892	ug/l	98
94) Hexachlorobutadiene	15.23	225	47443	19.531	ug/l	99
95) Naphthalene	15.36	128	133139	23.599	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	65704	21.191	ug/l	100

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

