

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011031.D
 Acq On : 27 Jun 2019 22:39
 Operator : SY/VA
 Sample : VW0628SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2019 8:28:29 AM

Quant Time: Jun 28 09:02:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	203658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	353381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	148076	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
35) Dibromofluoromethane	7.88	113	110150	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.32	98	449190	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.62	95	166134	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	28589	18.622	ug/l	100
3) Chloromethane	2.20	50	39477	19.181	ug/l	98
4) Vinyl Chloride	2.36	62	47223	17.622	ug/l	100
5) Bromomethane	2.76	94	26077	19.550	ug/l	90
6) Chloroethane	2.91	64	25111	17.774	ug/l	98
7) Trichlorofluoromethane	3.24	101	12031	15.278	ug/l	95
8) Diethyl Ether	3.67	74	27597	22.128	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	39554	17.859	ug/l	99
10) Methyl Iodide	4.26	142	59449	19.185	ug/l	100
11) Tert butyl alcohol	5.17	59	19791	102.352	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	40093	17.391	ug/l	96
13) Acrolein	3.89	56	15714	104.215	ug/l	98
14) Allyl chloride	4.66	41	67066	18.075	ug/l	98
15) Acrylonitrile	5.36	53	65946	107.377	ug/l	100
16) Acetone	4.12	43	65765	101.198	ug/l	96
17) Carbon Disulfide	4.38	76	114341	17.483	ug/l	100
18) Methyl Acetate	4.66	43	42095	25.006	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	70915	21.733	ug/l	95
20) Methylene Chloride	4.91	84	53956	20.435	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	45117	18.992	ug/l	100
22) Diisopropyl ether	6.31	45	186471	20.884	ug/l	97
23) Vinyl Acetate	6.25	43	538473	97.876	ug/l	100
24) 1,1-Dichloroethane	6.21	63	92225	19.568	ug/l	99
25) 2-Butanone	7.17	43	102192	103.452	ug/l	99
26) 2,2-Dichloropropane	7.16	77	39483	16.135	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	51383	20.089	ug/l	97
28) Bromochloromethane	7.51	49	47766	21.771	ug/l	98
29) Tetrahydrofuran	7.52	42	68947	112.122	ug/l	99
30) Chloroform	7.67	83	85667	20.007	ug/l	99
31) Cyclohexane	7.95	56	91113	17.891	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	60354	18.863	ug/l	100
36) 1,1-Dichloropropene	8.08	75	66530	17.516	ug/l	100
37) Ethyl Acetate	7.25	43	45203	20.458	ug/l	98
38) Carbon Tetrachloride	8.06	117	53148	16.992	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	78782	16.854	ug/l	96
40) Benzene	8.32	78	197477	18.903	ug/l	99
41) Methacrylonitrile	7.48	41	27934	20.779	ug/l	99
42) 1,2-Dichloroethane	8.40	62	68392	19.967	ug/l	100
43) Isopropyl Acetate	8.42	43	85873	20.544	ug/l	99
44) Trichloroethene	9.09	130	46225	18.309	ug/l	94
45) 1,2-Dichloropropane	9.37	63	54910	19.356	ug/l	99
46) Dibromomethane	9.46	93	26375	19.879	ug/l	100
47) Bromodichloromethane	9.64	83	63601	19.362	ug/l	100
48) Methyl methacrylate	9.43	41	40474	19.970	ug/l	96
49) 1,4-Dioxane	9.44	88	8905	399.183	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	227307	103.308	ug/l	100
52) Toluene	10.38	92	120188	18.792	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	64029	18.714	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	76865	18.832	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	37615	20.067	ug/l	98
56) Ethyl methacrylate	10.65	69	56081	19.979	ug/l	97
57) 1,3-Dichloropropane	10.93	76	71531	20.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	155091	109.202	ug/l	100
59) 2-Hexanone	10.97	43	158432	103.252	ug/l	99
60) Dibromochloromethane	11.13	129	37203	18.927	ug/l	99
61) 1,2-Dibromoethane	11.23	107	35618	20.297	ug/l	98
64) Tetrachloroethene	10.86	164	46729	21.101	ug/l	96
65) Chlorobenzene	11.66	112	121377	18.426	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	42030	18.793	ug/l	99
67) Ethyl Benzene	11.73	91	228411	18.104	ug/l	100
68) m/p-Xylenes	11.84	106	167315	36.547	ug/l	99
69) o-Xylene	12.16	106	78625	18.439	ug/l	99
70) Styrene	12.18	104	139233	18.790	ug/l	99
71) Bromoform	12.35	173	20513	18.814	ug/l #	100
73) Isopropylbenzene	12.46	105	213289	17.967	ug/l	100
74) N-amyl acetate	12.27	43	78328	19.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	45609	19.565	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33615m	20.093	ug/l	
77) Bromobenzene	12.75	156	50005	19.164	ug/l	99
78) n-propylbenzene	12.80	91	263313	17.911	ug/l	99
79) 2-Chlorotoluene	12.89	91	155110	18.468	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	183606	18.248	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11898	17.993	ug/l	90
82) 4-Chlorotoluene	12.99	91	165514	18.911	ug/l	99
83) tert-Butylbenzene	13.21	119	151774	18.089	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	188697	18.554	ug/l	99
85) sec-Butylbenzene	13.38	105	217481	17.842	ug/l	100
86) p-Isopropyltoluene	13.50	119	194326	17.716	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	96956	18.784	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	96830	18.793	ug/l	99
89) n-Butylbenzene	13.82	91	192844	17.298	ug/l	99
90) Hexachloroethane	14.10	117	32194	17.154	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	87800	18.939	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7599	19.180	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61372	18.816	ug/l	98
94) Hexachlorobutadiene	15.24	225	34871	17.627	ug/l	98
95) Naphthalene	15.37	128	122544	20.001	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	56881	19.530	ug/l	98

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

