

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008881.D
 Acq On : 28 Feb 2019 12:24
 Operator : SY/VA
 Sample : VW0228SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0228SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 2:57:00 PM

Quant Time: Mar 01 06:24:40 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	300240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	422881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	232150	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141177	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
35) Dibromofluoromethane	7.88	113	131365	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	10.32	98	511360	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.62	95	199924	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	57644	19.169	ug/l	95
3) Chloromethane	2.21	50	70303	19.206	ug/l	98
4) Vinyl Chloride	2.36	62	73284	18.909	ug/l	99
5) Bromomethane	2.75	94	54537	18.945	ug/l	95
6) Chloroethane	2.90	64	52635	19.125	ug/l	95
7) Trichlorofluoromethane	3.25	101	100620	20.528	ug/l	97
8) Diethyl Ether	3.68	74	30759	19.821	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	61313	20.598	ug/l	100
10) Methyl Iodide	4.27	142	65084	17.485	ug/l	98
11) Tert butyl alcohol	5.16	59	25537	101.864	ug/l	96
12) 1,1-Dichloroethene	4.03	96	53604	20.391	ug/l	99
13) Acrolein	3.89	56	21309	93.988	ug/l	99
14) Allyl chloride	4.67	41	91780	20.229	ug/l	97
15) Acrylonitrile	5.37	53	67238	100.958	ug/l	99
16) Acetone	4.12	43	64793	99.266	ug/l	97
17) Carbon Disulfide	4.37	76	161357	18.500	ug/l	96
18) Methyl Acetate	4.68	43	29467	19.033	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	145013	20.380	ug/l	99
20) Methylene Chloride	4.92	84	81708	22.613	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	62480	20.547	ug/l	93
22) Diisopropyl ether	6.31	45	189120	20.896	ug/l	94
23) Vinyl Acetate	6.26	43	574019	102.650	ug/l	99
24) 1,1-Dichloroethane	6.22	63	109690	20.915	ug/l	99
25) 2-Butanone	7.17	43	91580	100.356	ug/l	93
26) 2,2-Dichloropropane	7.17	77	99577	20.913	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	67410	20.724	ug/l	98
28) Bromochloromethane	7.51	49	45917	20.922	ug/l	100
29) Tetrahydrofuran	7.53	42	57811	99.410	ug/l	99
30) Chloroform	7.68	83	110583	20.553	ug/l	98
31) Cyclohexane	7.95	56	109257	20.580	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	101111	20.665	ug/l	98
36) 1,1-Dichloropropene	8.08	75	88702	21.548	ug/l	99
37) Ethyl Acetate	7.26	43	39053	20.401	ug/l	97
38) Carbon Tetrachloride	8.07	117	92134	21.223	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	106453	20.733	ug/l	99
40) Benzene	8.32	78	238302	21.203	ug/l	97
41) Methacrylonitrile	7.49	41	22136	19.673	ug/l	96
42) 1,2-Dichloroethane	8.40	62	76470	21.478	ug/l	99
43) Isopropyl Acetate	8.42	43	80090	20.963	ug/l	98
44) Trichloroethene	9.09	130	68994	21.791	ug/l	100
45) 1,2-Dichloropropane	9.37	63	60390	21.743	ug/l	96
46) Dibromomethane	9.46	93	32005	20.717	ug/l	99
47) Bromodichloromethane	9.64	83	80555	21.431	ug/l	98
48) Methyl methacrylate	9.43	41	34680	18.953	ug/l	96
49) 1,4-Dioxane	9.45	88	9843	397.859	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	197205	101.670	ug/l	99
52) Toluene	10.38	92	163823	21.477	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	78797	20.568	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	94819	21.700	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	46805	22.340	ug/l	97
56) Ethyl methacrylate	10.65	69	56658	20.815	ug/l	97
57) 1,3-Dichloropropane	10.93	76	78070	21.105	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	147357	107.637	ug/l	99
59) 2-Hexanone	10.97	43	141285	102.326	ug/l	98
60) Dibromochloromethane	11.13	129	53263	20.843	ug/l	99
61) 1,2-Dibromoethane	11.23	107	43067	20.767	ug/l	98
64) Tetrachloroethene	10.86	164	60444	20.436	ug/l	97
65) Chlorobenzene	11.66	112	179058	20.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	61244	20.847	ug/l	98
67) Ethyl Benzene	11.73	91	321679	20.711	ug/l	100
68) m/p-Xylenes	11.84	106	257793	41.540	ug/l	100
69) o-Xylene	12.16	106	121662	20.887	ug/l	98
70) Styrene	12.18	104	192466	20.538	ug/l	99
71) Bromoform	12.35	173	30605	19.381	ug/l	97
73) Isopropylbenzene	12.46	105	331902	20.855	ug/l	99
74) N-amyl acetate	12.27	43	77731	19.390	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	50657	19.480	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	37397m	19.511	ug/l	
77) Bromobenzene	12.75	156	78889	20.976	ug/l	96
78) n-propylbenzene	12.80	91	404780	20.793	ug/l	99
79) 2-Chlorotoluene	12.90	91	226691	20.510	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	287881	20.815	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14599	18.517	ug/l	98
82) 4-Chlorotoluene	12.99	91	240779	20.672	ug/l	99
83) tert-Butylbenzene	13.21	119	244674	20.460	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	294458	20.568	ug/l	99
85) sec-Butylbenzene	13.38	105	358279	20.836	ug/l	99
86) p-Isopropyltoluene	13.50	119	316915	20.104	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	163393	20.940	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	160060	20.813	ug/l	98
89) n-Butylbenzene	13.83	91	306346	20.744	ug/l	99
90) Hexachloroethane	14.10	117	53211	20.620	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	146995	21.143	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9455	20.100	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	104263	20.813	ug/l	97
94) Hexachlorobutadiene	15.24	225	64946	22.010	ug/l	99
95) Naphthalene	15.37	128	168442	19.749	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	93971	21.696	ug/l	99

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

