

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021819\
 Data File : VW008721.D
 Acq On : 18 Feb 2019 11:41
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/19/2019 11:12:32 AM

Quant Time: Feb 19 03:35:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	372268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	542502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	481962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	252613	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	186141	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.88	113	175001	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	10.32	98	676922	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.62	95	245909	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	120888	50.701	ug/l	97
3) Chloromethane	2.21	50	144709	42.100	ug/l	98
4) Vinyl Chloride	2.37	62	227367	50.358	ug/l	100
5) Bromomethane	2.78	94	168622	47.197	ug/l	98
6) Chloroethane	2.92	64	164123	48.852	ug/l	97
7) Trichlorofluoromethane	3.25	101	158210	44.990	ug/l	100
8) Diethyl Ether	3.67	74	96230	45.856	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	197424	53.125	ug/l	97
10) Methyl Iodide	4.26	142	293418	50.587	ug/l	99
11) Tert butyl alcohol	5.17	59	62577	202.087	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	185118	50.936	ug/l	96
13) Acrolein	3.88	56	76436	239.585	ug/l	98
14) Allyl chloride	4.66	41	308442	51.082	ug/l	99
15) Acrylonitrile	5.36	53	192072	217.453	ug/l	98
16) Acetone	4.12	43	195554	222.045	ug/l	98
17) Carbon Disulfide	4.37	76	566768	51.677	ug/l	100
18) Methyl Acetate	4.66	43	85031	42.252	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	291565	45.700	ug/l	100
20) Methylene Chloride	4.90	84	189639	48.682	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	201977	50.747	ug/l	96
22) Diisopropyl ether	6.31	45	583448	48.009	ug/l	98
23) Vinyl Acetate	6.25	43	1777468	225.355	ug/l	99
24) 1,1-Dichloroethane	6.21	63	353043	50.344	ug/l	98
25) 2-Butanone	7.16	43	260201	209.234	ug/l	99
26) 2,2-Dichloropropane	7.16	77	245090	55.945	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	212633	49.406	ug/l	98
28) Bromochloromethane	7.51	49	137552	46.465	ug/l	99
29) Tetrahydrofuran	7.52	42	164336	200.490	ug/l	99
30) Chloroform	7.67	83	357038	50.811	ug/l	96
31) Cyclohexane	7.95	56	336703	47.569	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	314708	53.031	ug/l	99
36) 1,1-Dichloropropene	8.07	75	291199	53.427	ug/l	99
37) Ethyl Acetate	7.25	43	116701	44.387	ug/l	99
38) Carbon Tetrachloride	8.06	117	309698	57.142	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	360726	52.326	ug/l	97
40) Benzene	8.32	78	785524	52.771	ug/l	99
41) Methacrylonitrile	7.48	41	73173	49.465	ug/l	95
42) 1,2-Dichloroethane	8.40	62	231912	50.228	ug/l	100
43) Isopropyl Acetate	8.42	43	232228	44.296	ug/l	96
44) Trichloroethene	9.09	130	221893	53.763	ug/l	94
45) 1,2-Dichloropropane	9.37	63	189630	51.475	ug/l	95
46) Dibromomethane	9.45	93	99651	49.105	ug/l	99
47) Bromodichloromethane	9.64	83	261050	53.526	ug/l	99
48) Methyl methacrylate	9.43	41	112028	46.110	ug/l	100
49) 1,4-Dioxane	9.44	88	31372	968.487	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	580890	215.698	ug/l	99
52) Toluene	10.38	92	504368	52.522	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	262929	51.318	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	301189	51.857	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	134211	48.200	ug/l	97
56) Ethyl methacrylate	10.65	69	168508	45.575	ug/l	99
57) 1,3-Dichloropropane	10.93	76	237236	48.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	390148	219.967	ug/l	99
59) 2-Hexanone	10.97	43	418719	221.324	ug/l	98
60) Dibromochloromethane	11.13	129	171115	51.360	ug/l	99
61) 1,2-Dibromoethane	11.24	107	132355	48.276	ug/l	99
64) Tetrachloroethene	10.86	164	187981	52.449	ug/l	99
65) Chlorobenzene	11.66	112	546801	52.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	194777	52.929	ug/l	99
67) Ethyl Benzene	11.73	91	981039	53.017	ug/l	99
68) m/p-Xylenes	11.84	106	756708	105.101	ug/l	99
69) o-Xylene	12.16	106	354143	52.037	ug/l	99
70) Styrene	12.18	104	579215	52.107	ug/l	99
71) Bromoform	12.35	173	97989	49.419	ug/l #	100
73) Isopropylbenzene	12.47	105	991360	52.685	ug/l	99
74) N-amyl acetate	12.27	43	229004	45.005	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	152193	46.488	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	110467m	44.286	ug/l	
77) Bromobenzene	12.75	156	221648	51.244	ug/l	98
78) n-propylbenzene	12.80	91	1200613	53.701	ug/l	100
79) 2-Chlorotoluene	12.90	91	665857	52.696	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	834461	53.391	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	50279	44.721	ug/l	97
82) 4-Chlorotoluene	12.99	91	695126	51.910	ug/l	99
83) tert-Butylbenzene	13.21	119	723767	53.331	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	844637	52.580	ug/l	100
85) sec-Butylbenzene	13.38	105	1055694	53.424	ug/l	100
86) p-Isopropyltoluene	13.50	119	941433	53.255	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	454302	51.811	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	449151	51.975	ug/l	100
89) n-Butylbenzene	13.83	91	900123	53.582	ug/l	100
90) Hexachloroethane	14.10	117	176120	57.025	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	393424	50.643	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26004	45.708	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	287259	51.945	ug/l	99
94) Hexachlorobutadiene	15.24	225	179253	55.686	ug/l	100
95) Naphthalene	15.37	128	476476	48.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	247634	52.184	ug/l	99

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

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