

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW033119\
 Data File : VW009605.D
 Acq On : 31 Mar 2019 11:42
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 5:30:15 PM

Quant Time: Apr 01 05:00:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	323413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	473583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	434762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	239613	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	176983	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	7.88	113	152807	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
50) Toluene-d8	10.32	98	594314	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	
62) 4-Bromofluorobenzene	12.62	95	221601	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	92902	46.481	ug/l	97
3) Chloromethane	2.21	50	123297	45.255	ug/l	97
4) Vinyl Chloride	2.37	62	177841	48.875	ug/l	95
5) Bromomethane	2.78	94	121128	43.148	ug/l	97
6) Chloroethane	2.92	64	123501	45.830	ug/l	96
7) Trichlorofluoromethane	3.25	101	107255	43.141	ug/l	99
8) Diethyl Ether	3.67	74	72990	43.723	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	163754	49.091	ug/l	95
10) Methyl Iodide	4.26	142	210753	46.304	ug/l	96
11) Tert butyl alcohol	5.17	59	45623	212.763	ug/l	99
12) 1,1-Dichloroethene	4.03	96	151400	48.500	ug/l	95
13) Acrolein	3.89	56	38141	242.510	ug/l	99
14) Allyl chloride	4.65	41	226295	45.323	ug/l	98
15) Acrylonitrile	5.36	53	160535	210.382	ug/l	99
16) Acetone	4.12	43	200590	241.234	ug/l	94
17) Carbon Disulfide	4.37	76	406829	45.802	ug/l	98
18) Methyl Acetate	4.67	43	89718	44.636	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	189190	43.576	ug/l	99
20) Methylene Chloride	4.91	84	154493	47.137	ug/l	92
21) trans-1,2-Dichloroethene	5.41	96	160982	48.571	ug/l	95
22) Diisopropyl ether	6.31	45	516888	47.936	ug/l	97
23) Vinyl Acetate	6.25	43	1591004	236.519	ug/l	99
24) 1,1-Dichloroethane	6.21	63	312067	48.084	ug/l	99
25) 2-Butanone	7.17	43	263545	229.357	ug/l	95
26) 2,2-Dichloropropane	7.16	77	178410	48.082	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	174146	48.112	ug/l	96
28) Bromochloromethane	7.51	49	207646	73.836	ug/l #	96
29) Tetrahydrofuran	7.52	42	156338	219.116	ug/l	99
30) Chloroform	7.67	83	323374	48.109	ug/l	100
31) Cyclohexane	7.95	56	272530	44.791	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	256095	47.062	ug/l	97
36) 1,1-Dichloropropene	8.07	75	256941	52.454	ug/l	100
37) Ethyl Acetate	7.25	43	108286	46.531	ug/l	100
38) Carbon Tetrachloride	8.06	117	261111	52.022	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	291971	52.181	ug/l	98
40) Benzene	8.32	78	684010	51.554	ug/l	100
41) Methacrylonitrile	7.48	41	69921	46.439	ug/l #	83
42) 1,2-Dichloroethane	8.40	62	221705	49.013	ug/l	99
43) Isopropyl Acetate	8.42	43	212430	46.577	ug/l	99
44) Trichloroethene	9.09	130	176042	51.250	ug/l	90
45) 1,2-Dichloropropane	9.37	63	170227	50.124	ug/l	99
46) Dibromomethane	9.46	93	89168	48.468	ug/l	98
47) Bromodichloromethane	9.64	83	240689	51.288	ug/l	99
48) Methyl methacrylate	9.43	41	105367	49.284	ug/l	96
49) 1,4-Dioxane	9.45	88	27343	998.011	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	573720	235.111	ug/l	100
52) Toluene	10.38	92	433345	52.154	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	233927	50.908	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	266228	52.254	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	123011	49.466	ug/l	98
56) Ethyl methacrylate	10.65	69	151875	44.545	ug/l	97
57) 1,3-Dichloropropane	10.93	76	217768	49.403	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	368746	224.089	ug/l	98
59) 2-Hexanone	10.97	43	413452	244.820	ug/l	98
60) Dibromochloromethane	11.13	129	148582	49.483	ug/l	97
61) 1,2-Dibromoethane	11.23	107	116748	48.957	ug/l	100
64) Tetrachloroethene	10.86	164	149151	50.527	ug/l	98
65) Chlorobenzene	11.66	112	471004	51.438	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	171426	51.382	ug/l	100
67) Ethyl Benzene	11.73	91	874210	54.189	ug/l	98
68) m/p-Xylenes	11.84	106	664374	108.459	ug/l	98
69) o-Xylene	12.16	106	310221	54.382	ug/l	100
70) Styrene	12.18	104	518267	54.392	ug/l	100
71) Bromoform	12.35	173	88989	49.564	ug/l	99
73) Isopropylbenzene	12.46	105	896770	53.779	ug/l	100
74) N-amyl acetate	12.27	43	214414	48.775	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	148523	47.098	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	106447m	47.241	ug/l	
77) Bromobenzene	12.75	156	194574	50.669	ug/l	99
78) n-propylbenzene	12.80	91	1125952	54.758	ug/l	100
79) 2-Chlorotoluene	12.89	91	613164	52.472	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	763289	54.354	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	47901	49.435	ug/l	98
82) 4-Chlorotoluene	12.99	91	651969	53.014	ug/l	99
83) tert-Butylbenzene	13.21	119	662485	55.418	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	785394	54.403	ug/l	99
85) sec-Butylbenzene	13.38	105	993405	55.082	ug/l	99
86) p-Isopropyltoluene	13.50	119	871598	55.563	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	409063	51.592	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	404973	51.137	ug/l	100
89) n-Butylbenzene	13.83	91	857435	55.376	ug/l	99
90) Hexachloroethane	14.10	117	160939	53.577	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	364804	51.453	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	27630	47.995	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	247788	54.268	ug/l	99
94) Hexachlorobutadiene	15.24	225	155785	53.127	ug/l	99
95) Naphthalene	15.37	128	429346	46.469	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	216803	53.145	ug/l	99

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

