

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010701.D
 Acq On : 06 Jun 2019 10:55
 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

6/7/2019 11:24:40 AM

Quant Time: Jun 07 08:02:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	404987	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	169710	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	151228	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
35) Dibromofluoromethane	7.88	113	124040	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	
50) Toluene-d8	10.32	98	521049	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
62) 4-Bromofluorobenzene	12.62	95	187937	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	118321	50.739	ug/l 99
3) Chloromethane	2.21	50	178703	52.087	ug/l 98
4) Vinyl Chloride	2.35	62	165984	52.364	ug/l 98
5) Bromomethane	2.75	94	89710	51.537	ug/l 95
6) Chloroethane	2.91	64	100280	52.704	ug/l 99
7) Trichlorofluoromethane	3.25	101	225547	54.814	ug/l 99
8) Diethyl Ether	3.68	74	70294	47.803	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	138672	54.816	ug/l 99
10) Methyl Iodide	4.26	142	134152	51.336	ug/l 99
11) Tert butyl alcohol	5.17	59	60573	249.980	ug/l 99
12) 1,1-Dichloroethene	4.03	96	133351	54.644	ug/l 99
13) Acrolein	3.89	56	24569	248.130	ug/l 97
14) Allyl chloride	4.67	41	299852	55.726	ug/l 99
15) Acrylonitrile	5.36	53	167731	234.791	ug/l 99
16) Acetone	4.12	43	218089	273.649	ug/l 100
17) Carbon Disulfide	4.37	76	428174	55.271	ug/l 100
18) Methyl Acetate	4.67	43	75120	43.788	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	340805	48.421	ug/l 97
20) Methylene Chloride	4.91	84	140329	50.192	ug/l 97
21) trans-1,2-Dichloroethene	5.42	96	150571	54.352	ug/l 97
22) Diisopropyl ether	6.31	45	567564	52.686	ug/l 99
23) Vinyl Acetate	6.25	43	1665339	256.159	ug/l 99
24) 1,1-Dichloroethane	6.21	63	291243	53.948	ug/l 100
25) 2-Butanone	7.16	43	273213	247.229	ug/l 97
26) 2,2-Dichloropropane	7.16	77	260668	59.337	ug/l 97
27) cis-1,2-Dichloroethene	7.16	96	163332	53.573	ug/l 98
28) Bromochloromethane	7.51	49	128108	53.173	ug/l 98
29) Tetrahydrofuran	7.52	42	157653	226.806	ug/l 99
30) Chloroform	7.67	83	266114	53.892	ug/l 97
31) Cyclohexane	7.95	56	312280	52.036	ug/l 99
32) 1,1,1-Trichloroethane	7.87	97	238665	55.330	ug/l 100
36) 1,1-Dichloropropene	8.08	75	230467	55.594	ug/l 100
37) Ethyl Acetate	7.25	43	110509	48.106	ug/l 98
38) Carbon Tetrachloride	8.07	117	204213	57.065	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	295141	56.005	ug/l	99
40) Benzene	8.32	78	617648	54.615	ug/l	98
41) Methacrylonitrile	7.48	41	66495	48.698	ug/l	98
42) 1,2-Dichloroethane	8.40	62	189071	52.676	ug/l	99
43) Isopropyl Acetate	8.42	43	211779	47.719	ug/l	100
44) Trichloroethene	9.09	130	152836	54.786	ug/l	99
45) 1,2-Dichloropropane	9.37	63	160949	53.763	ug/l	99
46) Dibromomethane	9.46	93	71357	51.318	ug/l	98
47) Bromodichloromethane	9.65	83	196388	54.486	ug/l	98
48) Methyl methacrylate	9.43	41	103404	48.325	ug/l	99
49) 1,4-Dioxane	9.45	88	21310	980.236	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	539211	237.824	ug/l	100
52) Toluene	10.39	92	380939	54.746	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	206779	54.163	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	246226	54.810	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	100686	50.264	ug/l	99
56) Ethyl methacrylate	10.65	69	153781	49.892	ug/l	99
57) 1,3-Dichloropropane	10.93	76	192502	50.994	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	399187	247.260	ug/l	100
59) 2-Hexanone	10.97	43	401964	245.309	ug/l	99
60) Dibromochloromethane	11.13	129	116748	52.576	ug/l	99
61) 1,2-Dibromoethane	11.24	107	94627	49.859	ug/l	99
64) Tetrachloroethene	10.86	164	125550	52.764	ug/l	98
65) Chlorobenzene	11.66	112	380894	54.047	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	133122	54.568	ug/l	99
67) Ethyl Benzene	11.73	91	748870	55.291	ug/l	99
68) m/p-Xylenes	11.84	106	536497	110.654	ug/l	99
69) o-Xylene	12.16	106	250583	54.494	ug/l	97
70) Styrene	12.18	104	436139	54.599	ug/l	100
71) Bromoform	12.35	173	64924	51.457	ug/l #	100
73) Isopropylbenzene	12.46	105	716282	56.166	ug/l	99
74) N-amyl acetate	12.27	43	206596	50.125	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	116659	48.050	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85283m	47.853	ug/l	
77) Bromobenzene	12.75	156	148323	53.281	ug/l	99
78) n-propylbenzene	12.80	91	868659	56.488	ug/l	100
79) 2-Chlorotoluene	12.90	91	489649	55.734	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	589987	56.520	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	39770	51.288	ug/l	99
82) 4-Chlorotoluene	12.99	91	505479	55.754	ug/l	99
83) tert-Butylbenzene	13.21	119	498076	56.222	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	594087	56.557	ug/l	99
85) sec-Butylbenzene	13.38	105	735264	57.004	ug/l	100
86) p-Isopropyltoluene	13.50	119	654210	56.718	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	294803	54.914	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	290052	54.499	ug/l	99
89) n-Butylbenzene	13.83	91	666825	57.942	ug/l	100
90) Hexachloroethane	14.10	117	121336	58.740	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	255759	52.976	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20177	48.396	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	190132	56.121	ug/l	98
94) Hexachlorobutadiene	15.24	225	123355	58.014	ug/l	99
95) Naphthalene	15.37	128	316371	51.397	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	160748	55.791	ug/l	99

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

