

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
 Data File : VW013175.D
 Acq On : 19 Sep 2019 21:18
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 10:46:33 AM

Quant Time: Sep 20 09:07:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	290702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	437443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	200895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	131544	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
35) Dibromofluoromethane	7.88	113	127389	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
50) Toluene-d8	10.32	98	508033	54.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.40%	
62) 4-Bromofluorobenzene	12.62	95	181431	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	44813	39.318	ug/l	99
3) Chloromethane	2.21	50	60749	42.720	ug/l	97
4) Vinyl Chloride	2.36	62	83574	40.165	ug/l	97
5) Bromomethane	2.77	94	57678	45.391	ug/l	96
6) Chloroethane	2.91	64	57444	45.013	ug/l	97
7) Trichlorofluoromethane	3.26	101	59484	40.881	ug/l	100
8) Diethyl Ether	3.68	74	65655	57.787	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	108608	49.214	ug/l	97
10) Methyl Iodide	4.27	142	153563	55.601	ug/l	95
11) Tert butyl alcohol	5.19	59	48354	268.373	ug/l	97
12) 1,1-Dichloroethene	4.04	96	100076	49.874	ug/l	92
13) Acrolein	3.89	56	30499	151.327	ug/l	99
14) Allyl chloride	4.66	41	185064	48.581	ug/l	91
15) Acrylonitrile	5.37	53	163286	281.389	ug/l	99
16) Acetone	4.13	43	132432	225.396	ug/l	91
17) Carbon Disulfide	4.38	76	167393	41.861	ug/l	100
18) Methyl Acetate	4.67	43	82068	53.653	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	228933	57.798	ug/l	95
20) Methylene Chloride	4.91	84	156304	74.614	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	112016	52.122	ug/l	95
22) Diisopropyl ether	6.31	45	444012	56.107	ug/l	96
23) Vinyl Acetate	6.25	43	1259427	265.711	ug/l #	95
24) 1,1-Dichloroethane	6.21	63	234134	51.314	ug/l	99
25) 2-Butanone	7.17	43	209311	245.176	ug/l	91
26) 2,2-Dichloropropane	7.17	77	134354	46.056	ug/l	94
27) cis-1,2-Dichloroethene	7.17	96	148383	57.670	ug/l	89
28) Bromochloromethane	7.51	49	110681	57.632	ug/l	92
29) Tetrahydrofuran	7.53	42	132665	272.731	ug/l	94
30) Chloroform	7.67	83	245454	52.943	ug/l	99
31) Cyclohexane	7.95	56	165372	48.122	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	180257	47.213	ug/l	98
36) 1,1-Dichloropropene	8.08	75	162550	46.502	ug/l	97
37) Ethyl Acetate	7.25	43	95606	51.529	ug/l	96
38) Carbon Tetrachloride	8.07	117	158196	44.162	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	180867	47.219	ug/l	95
40) Benzene	8.32	78	512973	52.567	ug/l	99
41) Methacrylonitrile	7.48	41	65203	53.364	ug/l	92
42) 1,2-Dichloroethane	8.40	62	156475	47.834	ug/l	94
43) Isopropyl Acetate	8.42	43	181287	50.889	ug/l	96
44) Trichloroethene	9.09	130	139416	52.159	ug/l	88
45) 1,2-Dichloropropane	9.37	63	145251	56.024	ug/l	99
46) Dibromomethane	9.46	93	69254	55.754	ug/l	98
47) Bromodichloromethane	9.64	83	182362	52.340	ug/l	100
48) Methyl methacrylate	9.43	41	83890	50.176	ug/l	91
49) 1,4-Dioxane	9.46	88	22368	1074.681	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	481115	261.590	ug/l	95
52) Toluene	10.38	92	340215	54.866	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	182593	52.108	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	215516	53.753	ug/l	91
55) 1,1,2-Trichloroethane	10.79	97	112228	59.309	ug/l	94
56) Ethyl methacrylate	10.65	69	149686	58.769	ug/l	90
57) 1,3-Dichloropropane	10.93	76	190834	56.851	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	392251	287.088	ug/l	97
59) 2-Hexanone	10.97	43	322463	251.796	ug/l	93
60) Dibromochloromethane	11.13	129	126935	55.485	ug/l	97
61) 1,2-Dibromoethane	11.23	107	99271	57.509	ug/l	98
64) Tetrachloroethene	10.86	164	124127	53.054	ug/l	94
65) Chlorobenzene	11.66	112	381375	54.441	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	142772	53.183	ug/l	98
67) Ethyl Benzene	11.73	91	667454	51.589	ug/l	99
68) m/p-Xylenes	11.83	106	506127	107.086	ug/l	94
69) o-Xylene	12.16	106	246379	55.603	ug/l	95
70) Styrene	12.18	104	442279	56.110	ug/l	96
71) Bromoform	12.35	173	78401	55.599	ug/l #	98
73) Isopropylbenzene	12.46	105	677778	50.900	ug/l	99
74) N-amyl acetate	12.27	43	171762	50.144	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	133050	56.889	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	101101m	57.454	ug/l	
77) Bromobenzene	12.74	156	168555	54.946	ug/l	95
78) n-propylbenzene	12.80	91	787706	50.289	ug/l	98
79) 2-Chlorotoluene	12.89	91	456767	50.728	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	571408	50.723	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	40189	51.809	ug/l	92
82) 4-Chlorotoluene	12.99	91	480838	50.612	ug/l	96
83) tert-Butylbenzene	13.21	119	518784	51.485	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	575400	51.689	ug/l	96
85) sec-Butylbenzene	13.38	105	704198	51.295	ug/l	99
86) p-Isopropyltoluene	13.50	119	648678	51.465	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	324717	53.472	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	320598	53.723	ug/l	98
89) n-Butylbenzene	13.82	91	584774	49.195	ug/l	99
90) Hexachloroethane	14.09	117	115025	50.924	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	297044	55.623	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19778	46.200	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	209921	55.118	ug/l	97
94) Hexachlorobutadiene	15.24	225	134107	49.740	ug/l	99
95) Naphthalene	15.36	128	380708	59.826	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	189031	56.148	ug/l	99

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

