

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102419\
 Data File : VW013735.D
 Acq On : 25 Oct 2019 01:49
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/25/2019 4:47:12 PM

Quant Time: Oct 25 08:49:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	296667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	437727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	377298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	198080	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	132682	59.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.24%	
35) Dibromofluoromethane	7.88	113	135593	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
50) Toluene-d8	10.32	98	540516	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	12.62	95	186967	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	64890	41.518	ug/l	97
3) Chloromethane	2.21	50	74713	44.480	ug/l	99
4) Vinyl Chloride	2.37	62	120687	47.577	ug/l	98
5) Bromomethane	2.78	94	82601	49.512	ug/l	99
6) Chloroethane	2.93	64	73935	48.168	ug/l	99
7) Trichlorofluoromethane	3.26	101	58886	37.165	ug/l	99
8) Diethyl Ether	3.68	74	66304	51.796	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	120628	46.832	ug/l	99
10) Methyl Iodide	4.28	142	216413	51.560	ug/l	99
11) Tert butyl alcohol	5.17	59	34145	257.006	ug/l	100
12) 1,1-Dichloroethene	4.04	96	129693	48.745	ug/l	99
13) Acrolein	3.89	56	36848	242.088	ug/l	96
14) Allyl chloride	4.67	41	200489	49.005	ug/l	100
15) Acrylonitrile	5.37	53	142390	273.558	ug/l	98
16) Acetone	4.12	43	110129	233.387	ug/l	98
17) Carbon Disulfide	4.38	76	372943	48.807	ug/l	98
18) Methyl Acetate	4.67	43	75697	58.520	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	166805	52.244	ug/l	99
20) Methylene Chloride	4.92	84	148318	57.877	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	144815	50.570	ug/l	99
22) Diisopropyl ether	6.31	45	396130	53.081	ug/l	95
23) Vinyl Acetate	6.25	43	1105704	255.348	ug/l	100
24) 1,1-Dichloroethane	6.21	63	242792	51.370	ug/l	99
25) 2-Butanone	7.17	43	174508	257.232	ug/l	95
26) 2,2-Dichloropropane	7.16	77	119234	43.627	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	156622	51.493	ug/l	99
28) Bromochloromethane	7.51	49	92685	54.906	ug/l #	99
29) Tetrahydrofuran	7.53	42	114118	271.707	ug/l	100
30) Chloroform	7.68	83	240960	51.573	ug/l	100
31) Cyclohexane	7.95	56	217188	43.910	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	182202	49.695	ug/l	99
36) 1,1-Dichloropropene	8.08	75	189972	46.601	ug/l	100
37) Ethyl Acetate	7.25	43	79627	51.026	ug/l	98
38) Carbon Tetrachloride	8.07	117	174690	47.587	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	233093	44.276	ug/l	98
40) Benzene	8.32	78	560977	48.625	ug/l	99
41) Methacrylonitrile	7.48	41	49172	50.530	ug/l	98
42) 1,2-Dichloroethane	8.40	62	151171	51.999	ug/l	99
43) Isopropyl Acetate	8.42	43	151824	50.827	ug/l	99
44) Trichloroethene	9.09	130	159113	48.148	ug/l	96
45) 1,2-Dichloropropane	9.37	63	138903	50.407	ug/l	100
46) Dibromomethane	9.46	93	69068	51.641	ug/l	100
47) Bromodichloromethane	9.64	83	177285	51.229	ug/l	99
48) Methyl methacrylate	9.43	41	72024	48.623	ug/l	92
49) 1,4-Dioxane	9.44	88	18727	947.542	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	379772	255.857	ug/l	99
52) Toluene	10.38	92	364075	48.924	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	175335	50.049	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	214394	49.603	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	101849	51.096	ug/l	98
56) Ethyl methacrylate	10.65	69	131329	52.661	ug/l	99
57) 1,3-Dichloropropane	10.93	76	175960	51.441	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	298056	259.686	ug/l	100
59) 2-Hexanone	10.96	43	260139	254.221	ug/l	99
60) Dibromochloromethane	11.13	129	122007	51.553	ug/l	99
61) 1,2-Dibromoethane	11.23	107	96250	51.040	ug/l	98
64) Tetrachloroethene	10.86	164	145561	50.495	ug/l	98
65) Chlorobenzene	11.66	112	382191	49.295	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	138050	51.019	ug/l	99
67) Ethyl Benzene	11.73	91	679906	48.633	ug/l	98
68) m/p-Xylenes	11.84	106	518968	96.081	ug/l	99
69) o-Xylene	12.16	106	249517	50.258	ug/l	99
70) Styrene	12.18	104	433727	50.846	ug/l	100
71) Bromoform	12.35	173	74791	52.670	ug/l #	97
73) Isopropylbenzene	12.46	105	672895	47.304	ug/l	100
74) N-amyl acetate	12.27	43	135832	49.363	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111657	49.742	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	70013m	49.219	ug/l	
77) Bromobenzene	12.74	156	166518	49.003	ug/l	98
78) n-propylbenzene	12.80	91	788393	47.885	ug/l	99
79) 2-Chlorotoluene	12.89	91	449082	48.537	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	576807	48.035	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34977	46.469	ug/l	97
82) 4-Chlorotoluene	12.99	91	474820	48.882	ug/l	100
83) tert-Butylbenzene	13.21	119	508441	47.701	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	573986	48.457	ug/l	99
85) sec-Butylbenzene	13.38	105	685352	47.020	ug/l	100
86) p-Isopropyltoluene	13.50	119	647750	47.708	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	316560	48.081	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	319803	48.893	ug/l	99
89) n-Butylbenzene	13.82	91	568536	46.391	ug/l	100
90) Hexachloroethane	14.09	117	112061	47.484	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	283341	49.633	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17469	51.464	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	206772	49.770	ug/l	99
94) Hexachlorobutadiene	15.24	225	131467	46.874	ug/l	99
95) Naphthalene	15.36	128	344087	52.824	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	182361	50.940	ug/l	99

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

