

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012557.D
 Acq On : 03 Sep 2019 19:46
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/4/2019 9:55:51 AM

Quant Time: Sep 04 07:09:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	157207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	146432	55.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.70%	
35) Dibromofluoromethane	7.88	113	113970	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
50) Toluene-d8	10.32	98	443750	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.62	95	163864	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	65531	47.821	ug/l	99
3) Chloromethane	2.21	50	103499	48.750	ug/l	100
4) Vinyl Chloride	2.36	62	113100	43.524	ug/l	99
5) Bromomethane	2.76	94	60235	45.771	ug/l	94
6) Chloroethane	2.90	64	66979	45.692	ug/l	95
7) Trichlorofluoromethane	3.25	101	71798	55.026	ug/l	100
8) Diethyl Ether	3.68	74	69247	55.912	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113974	51.388	ug/l	97
10) Methyl Iodide	4.26	142	159800	53.251	ug/l	98
11) Tert butyl alcohol	5.19	59	47778	300.090	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	114321	51.212	ug/l	99
13) Acrolein	3.89	56	54642	364.596	ug/l	98
14) Allyl chloride	4.66	41	247511	51.863	ug/l	98
15) Acrylonitrile	5.37	53	179320	292.109	ug/l	99
16) Acetone	4.13	43	164527	243.284	ug/l	98
17) Carbon Disulfide	4.38	76	308300	45.698	ug/l	100
18) Methyl Acetate	4.67	43	103220	61.623	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	219845	60.899	ug/l	98
20) Methylene Chloride	4.91	84	133261	52.124	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	126415	52.809	ug/l	98
22) Diisopropyl ether	6.31	45	497036	56.187	ug/l	99
23) Vinyl Acetate	6.25	43	1557896	286.168	ug/l	100
24) 1,1-Dichloroethane	6.21	63	262537	54.508	ug/l	99
25) 2-Butanone	7.17	43	252015	274.233	ug/l	97
26) 2,2-Dichloropropane	7.17	77	142321	52.205	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	143332	56.042	ug/l	99
28) Bromochloromethane	7.51	49	111231	52.985	ug/l #	96
29) Tetrahydrofuran	7.52	42	163800	297.089	ug/l	99
30) Chloroform	7.67	83	251573	57.090	ug/l	100
31) Cyclohexane	7.95	56	222393	46.669	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	192034	55.088	ug/l	99
36) 1,1-Dichloropropene	8.08	75	192870	52.027	ug/l	99
37) Ethyl Acetate	7.25	43	116746	57.469	ug/l	99
38) Carbon Tetrachloride	8.07	117	175917	54.826	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	210259	50.486	ug/l	96
40) Benzene	8.32	78	543925	53.734	ug/l	99
41) Methacrylonitrile	7.48	41	70056	58.675	ug/l	98
42) 1,2-Dichloroethane	8.40	62	186843	58.894	ug/l	100
43) Isopropyl Acetate	8.42	43	217793	57.879	ug/l	100
44) Trichloroethene	9.09	130	133101	54.089	ug/l	100
45) 1,2-Dichloropropane	9.37	63	146479	53.768	ug/l	98
46) Dibromomethane	9.46	93	69046	56.963	ug/l	98
47) Bromodichloromethane	9.64	83	183958	57.024	ug/l	98
48) Methyl methacrylate	9.43	41	104551	58.377	ug/l	96
49) 1,4-Dioxane	9.46	88	21259	1145.655	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	569725	297.673	ug/l	99
52) Toluene	10.38	92	332743	54.717	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	190118	57.856	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	219892	55.420	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	98911	57.674	ug/l	99
56) Ethyl methacrylate	10.65	69	149449	59.875	ug/l	99
57) 1,3-Dichloropropane	10.93	76	187061	57.719	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	376204	293.677	ug/l	99
59) 2-Hexanone	10.97	43	385572	284.718	ug/l	100
60) Dibromochloromethane	11.13	129	113140	59.229	ug/l	100
61) 1,2-Dibromoethane	11.23	107	92544	57.922	ug/l	99
64) Tetrachloroethene	10.86	164	112436	55.518	ug/l	99
65) Chlorobenzene	11.65	112	337224	54.824	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	125215	58.353	ug/l	98
67) Ethyl Benzene	11.73	91	654101	55.204	ug/l	99
68) m/p-Xylenes	11.83	106	471215	110.405	ug/l	100
69) o-Xylene	12.16	106	222734	56.385	ug/l	99
70) Styrene	12.18	104	389522	56.969	ug/l	99
71) Bromoform	12.35	173	63999	59.862	ug/l	99
73) Isopropylbenzene	12.46	105	623699	52.947	ug/l	99
74) N-amyl acetate	12.27	43	196808	55.299	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	116861	54.113	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	79020m	51.610	ug/l	
77) Bromobenzene	12.74	156	139944	54.914	ug/l	97
78) n-propylbenzene	12.80	91	754187	52.445	ug/l	99
79) 2-Chlorotoluene	12.89	91	431367	52.834	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	530651	53.911	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38151	54.633	ug/l	100
82) 4-Chlorotoluene	12.99	91	456868	53.442	ug/l	100
83) tert-Butylbenzene	13.21	119	450055	53.977	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	529553	53.557	ug/l	99
85) sec-Butylbenzene	13.38	105	627854	52.559	ug/l	100
86) p-Isopropyltoluene	13.50	119	572564	53.671	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	268183	53.802	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	266462	53.838	ug/l	100
89) n-Butylbenzene	13.82	91	557430	52.544	ug/l	99
90) Hexachloroethane	14.09	117	99307	53.058	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	239593	54.792	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20805	57.146	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	174354	57.697	ug/l	98
94) Hexachlorobutadiene	15.24	225	113919	57.092	ug/l	96
95) Naphthalene	15.36	128	319306	53.515	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	151669	57.526	ug/l	99

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

