

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012836.D
 Acq On : 09 Sep 2019 21:33
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 8:15:42 AM

Quant Time: Sep 10 07:37:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	300482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134118	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	104812	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
35) Dibromofluoromethane	7.88	113	84204	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
50) Toluene-d8	10.32	98	336793	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.62	95	122167	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	41673	37.868	ug/l	97
3) Chloromethane	2.21	50	58299	43.591	ug/l	94
4) Vinyl Chloride	2.35	62	74667	45.534	ug/l	100
5) Bromomethane	2.73	94	44304m	49.754	ug/l	
6) Chloroethane	2.90	64	47539	48.581	ug/l	100
7) Trichlorofluoromethane	3.24	101	47655	42.113	ug/l	96
8) Diethyl Ether	3.67	74	47921	50.386	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	84815	47.761	ug/l	96
10) Methyl Iodide	4.27	142	107057	47.889	ug/l	96
11) Tert butyl alcohol	5.16	59	49854	287.287	ug/l	98
12) 1,1-Dichloroethene	4.04	96	76273	45.499	ug/l	92
13) Acrolein	3.89	56	43845	238.092	ug/l	98
14) Allyl chloride	4.66	41	151531	43.696	ug/l	98
15) Acrylonitrile	5.35	53	151469	272.669	ug/l	100
16) Acetone	4.11	43	139594	225.760	ug/l	96
17) Carbon Disulfide	4.38	76	146154	41.074	ug/l	97
18) Methyl Acetate	4.67	43	79901	55.077	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	172542	51.899	ug/l	98
20) Methylene Chloride	4.91	84	89196	46.109	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	80134	46.849	ug/l	93
22) Diisopropyl ether	6.31	45	331320	48.172	ug/l	96
23) Vinyl Acetate	6.25	43	1092465	250.632	ug/l	98
24) 1,1-Dichloroethane	6.21	63	172301	46.526	ug/l	98
25) 2-Butanone	7.16	43	214823	237.062	ug/l	99
26) 2,2-Dichloropropane	7.16	77	101056	43.205	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	97929	49.376	ug/l	95
28) Bromochloromethane	7.51	49	78113	45.936	ug/l	91
29) Tetrahydrofuran	7.52	42	135481	271.328	ug/l	95
30) Chloroform	7.67	83	172067	46.882	ug/l	93
31) Cyclohexane	7.95	56	142905	42.863	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	138102	46.420	ug/l	98
36) 1,1-Dichloropropene	8.08	75	126446	47.361	ug/l	98
37) Ethyl Acetate	7.25	43	88733	52.136	ug/l	99
38) Carbon Tetrachloride	8.07	117	123588	46.959	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	143109	47.725	ug/l	95
40) Benzene	8.32	78	357911	48.317	ug/l	99
41) Methacrylonitrile	7.48	41	60543	52.151	ug/l	96
42) 1,2-Dichloroethane	8.40	62	127648	48.964	ug/l	98
43) Isopropyl Acetate	8.42	43	171500	53.187	ug/l	98
44) Trichloroethene	9.09	130	93917	49.185	ug/l	97
45) 1,2-Dichloropropane	9.37	63	100162	48.752	ug/l	98
46) Dibromomethane	9.46	93	50783	52.198	ug/l	97
47) Bromodichloromethane	9.64	83	132725	49.587	ug/l	99
48) Methyl methacrylate	9.43	41	80862	52.475	ug/l	99
49) 1,4-Dioxane	9.45	88	23449	1220.197	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	467297	276.184	ug/l	98
52) Toluene	10.38	92	230811	49.923	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	139862	50.816	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	158390	50.729	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	77922	53.498	ug/l	97
56) Ethyl methacrylate	10.65	69	119972	56.270	ug/l	94
57) 1,3-Dichloropropane	10.93	76	139944	51.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	299268	264.400	ug/l	98
59) 2-Hexanone	10.96	43	331023	267.790	ug/l	99
60) Dibromochloromethane	11.13	129	89590	52.300	ug/l	99
61) 1,2-Dibromoethane	11.23	107	74130	55.514	ug/l	99
64) Tetrachloroethene	10.86	164	83552	51.932	ug/l	96
65) Chlorobenzene	11.66	112	248801	49.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	95564	51.206	ug/l	99
67) Ethyl Benzene	11.73	91	462938	49.235	ug/l	99
68) m/p-Xylenes	11.83	106	336862	99.255	ug/l	99
69) o-Xylene	12.16	106	163106	50.940	ug/l	98
70) Styrene	12.18	104	288770	51.037	ug/l	99
71) Bromoform	12.35	173	56471	54.463	ug/l #	99
73) Isopropylbenzene	12.46	105	468880	48.744	ug/l	100
74) N-amyl acetate	12.27	43	159820	52.343	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	100297	51.918	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	79574m	58.023	ug/l	
77) Bromobenzene	12.74	156	110273	50.599	ug/l	96
78) n-propylbenzene	12.80	91	555833	48.314	ug/l	99
79) 2-Chlorotoluene	12.89	91	316931	47.987	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	399137	49.242	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	32579	50.245	ug/l	98
82) 4-Chlorotoluene	12.99	91	332923	47.655	ug/l	99
83) tert-Butylbenzene	13.21	119	361414	50.427	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	400428	49.027	ug/l	99
85) sec-Butylbenzene	13.38	105	494208	49.693	ug/l	99
86) p-Isopropyltoluene	13.50	119	453052	49.873	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	211094	49.280	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	212181	49.779	ug/l	99
89) n-Butylbenzene	13.82	91	431415	48.918	ug/l	99
90) Hexachloroethane	14.09	117	77486	48.861	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	193937	50.301	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19239	54.419	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	146174	54.455	ug/l	97
94) Hexachlorobutadiene	15.24	225	97330	52.385	ug/l	99
95) Naphthalene	15.36	128	298312	52.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	133072	56.162	ug/l	99

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

