

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012838.D
 Acq On : 09 Sep 2019 22:53
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 8:15:44 AM

Quant Time: Sep 10 07:39:53 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	183575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	274605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	240011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	119186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	99754	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.88	113	80089	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	10.32	98	322666	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.62	95	114322	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	42620	42.826	ug/l	93
3) Chloromethane	2.21	50	53508	44.241	ug/l	99
4) Vinyl Chloride	2.36	62	69933	47.158	ug/l	97
5) Bromomethane	2.77	94	42017	52.177	ug/l	97
6) Chloroethane	2.92	64	43802	49.497	ug/l #	85
7) Trichlorofluoromethane	3.25	101	44908	43.883	ug/l	99
8) Diethyl Ether	3.68	74	48403	56.276	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	79657	49.601	ug/l	96
10) Methyl Iodide	4.27	142	100106	49.516	ug/l	97
11) Tert butyl alcohol	5.19	59	47960	305.606	ug/l	99
12) 1,1-Dichloroethene	4.04	96	72224	47.641	ug/l	95
13) Acrolein	3.89	56	43085	258.713	ug/l	99
14) Allyl chloride	4.67	41	143736	45.833	ug/l	99
15) Acrylonitrile	5.37	53	145386	289.403	ug/l	100
16) Acetone	4.13	43	130989	234.251	ug/l	97
17) Carbon Disulfide	4.39	76	140923	43.793	ug/l	99
18) Methyl Acetate	4.67	43	77021	58.708	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	167837	55.824	ug/l	98
20) Methylene Chloride	4.91	84	87456	49.992	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	75538	48.833	ug/l	89
22) Diisopropyl ether	6.31	45	313372	50.382	ug/l	97
23) Vinyl Acetate	6.25	43	1057548	268.285	ug/l	99
24) 1,1-Dichloroethane	6.21	63	164070	48.989	ug/l	99
25) 2-Butanone	7.17	43	201553	245.207	ug/l	100
26) 2,2-Dichloropropane	7.17	77	99599	47.086	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	91730	51.143	ug/l	96
28) Bromochloromethane	7.51	49	75185	48.891	ug/l #	92
29) Tetrahydrofuran	7.53	42	130604	289.228	ug/l	97
30) Chloroform	7.67	83	163880	49.374	ug/l	97
31) Cyclohexane	7.95	56	135646	44.989	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	133562	49.643	ug/l	98
36) 1,1-Dichloropropene	8.08	75	120648	49.447	ug/l	99
37) Ethyl Acetate	7.25	43	89569	57.586	ug/l	99
38) Carbon Tetrachloride	8.07	117	121352	50.455	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	135988	49.624	ug/l	98
40) Benzene	8.32	78	336721	49.740	ug/l	99
41) Methacrylonitrile	7.48	41	54702	51.603	ug/l	97
42) 1,2-Dichloroethane	8.40	62	121739	51.097	ug/l	100
43) Isopropyl Acetate	8.42	43	166234	56.412	ug/l	99
44) Trichloroethene	9.09	130	89283	51.165	ug/l	94
45) 1,2-Dichloropropane	9.37	63	94520	50.341	ug/l	98
46) Dibromomethane	9.46	93	49245	55.387	ug/l	98
47) Bromodichloromethane	9.64	83	126412	51.678	ug/l	100
48) Methyl methacrylate	9.43	41	78184	55.519	ug/l	99
49) 1,4-Dioxane	9.46	88	21117	1202.397	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	453886	293.537	ug/l	98
52) Toluene	10.38	92	218537	51.722	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	133921	53.243	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	147590	51.724	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	75691	56.864	ug/l	95
56) Ethyl methacrylate	10.64	69	113473	58.237	ug/l	98
57) 1,3-Dichloropropane	10.93	76	132100	53.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	301889	291.849	ug/l	97
59) 2-Hexanone	10.96	43	315141	278.966	ug/l	98
60) Dibromochloromethane	11.13	129	87720	56.034	ug/l	99
61) 1,2-Dibromoethane	11.23	107	69867	57.252	ug/l	99
64) Tetrachloroethene	10.86	164	78625	53.988	ug/l	98
65) Chlorobenzene	11.66	112	234622	51.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	90799	53.749	ug/l	98
67) Ethyl Benzene	11.73	91	439501	51.638	ug/l	98
68) m/p-Xylenes	11.83	106	321768	104.737	ug/l	98
69) o-Xylene	12.16	106	152127	52.488	ug/l	99
70) Styrene	12.18	104	272771	53.259	ug/l	99
71) Bromoform	12.35	173	55773	59.423	ug/l #	99
73) Isopropylbenzene	12.46	105	445391	52.103	ug/l	100
74) N-amyl acetate	12.27	43	151242	55.739	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	95747	55.772	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	61566m	50.517	ug/l	
77) Bromobenzene	12.74	156	103723	53.556	ug/l	96
78) n-propylbenzene	12.80	91	520919	50.952	ug/l	99
79) 2-Chlorotoluene	12.89	91	295789	50.397	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	374516	51.993	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	32117	55.738	ug/l	98
82) 4-Chlorotoluene	12.99	91	314550	50.666	ug/l	99
83) tert-Butylbenzene	13.21	119	341358	53.596	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	374095	51.541	ug/l	98
85) sec-Butylbenzene	13.38	105	464018	52.502	ug/l	98
86) p-Isopropyltoluene	13.50	119	425827	52.748	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	197043	51.762	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	195839	51.701	ug/l	99
89) n-Butylbenzene	13.82	91	392847	50.125	ug/l	99
90) Hexachloroethane	14.09	117	73878	52.422	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	179390	52.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	18142	57.745	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	134077	56.206	ug/l	97
94) Hexachlorobutadiene	15.23	225	88479	53.587	ug/l	99
95) Naphthalene	15.36	128	283912	56.176	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	120736	57.340	ug/l	98

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

