

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081019\
 Data File : VW011780.D
 Acq On : 08 Aug 2019 20:33
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/9/2019 10:55:11 AM

Quant Time: Aug 09 05:43:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139437	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	137021	58.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.18%	
35) Dibromofluoromethane	7.88	113	110943	58.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.94%	
50) Toluene-d8	10.32	98	450568	58.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.00%	
62) 4-Bromofluorobenzene	12.62	95	159355	58.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	58469	51.073	ug/l	97
3) Chloromethane	2.21	50	103152	51.962	ug/l	98
4) Vinyl Chloride	2.36	62	129427	54.155	ug/l	100
5) Bromomethane	2.75	94	63460	47.971	ug/l	94
6) Chloroethane	2.90	64	73500	53.839	ug/l	98
7) Trichlorofluoromethane	3.25	101	62645	58.650	ug/l	99
8) Diethyl Ether	3.68	74	69158	57.107	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	111391	54.976	ug/l	99
10) Methyl Iodide	4.27	142	161215	56.303	ug/l	99
11) Tert butyl alcohol	5.17	59	45247	260.689	ug/l	99
12) 1,1-Dichloroethene	4.04	96	119473	55.846	ug/l	98
13) Acrolein	3.89	56	44356	262.077	ug/l	97
14) Allyl chloride	4.67	41	267024	58.685	ug/l	99
15) Acrylonitrile	5.37	53	175927	291.012	ug/l	99
16) Acetone	4.12	43	175520	233.928	ug/l	99
17) Carbon Disulfide	4.38	76	359318	53.663	ug/l	100
18) Methyl Acetate	4.67	43	98645	58.523	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	200127	58.950	ug/l	100
20) Methylene Chloride	4.92	84	139367	53.858	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	133368	57.824	ug/l	98
22) Diisopropyl ether	6.31	45	508546	59.280	ug/l	98
23) Vinyl Acetate	6.25	43	1581038	293.302	ug/l	100
24) 1,1-Dichloroethane	6.21	63	271842	59.167	ug/l	99
25) 2-Butanone	7.17	43	255801	260.540	ug/l	99
26) 2,2-Dichloropropane	7.17	77	143789	50.889	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	147877	58.255	ug/l	99
28) Bromochloromethane	7.51	49	125544	61.562	ug/l #	100
29) Tetrahydrofuran	7.53	42	161439	287.662	ug/l	99
30) Chloroform	7.67	83	246397	58.130	ug/l	97
31) Cyclohexane	7.95	56	242412	54.965	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	191500	59.323	ug/l	99
36) 1,1-Dichloropropene	8.08	75	201163	57.694	ug/l	100
37) Ethyl Acetate	7.25	43	114197	56.928	ug/l	98
38) Carbon Tetrachloride	8.07	117	173451	58.110	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	220251	57.368	ug/l	98
40) Benzene	8.32	78	563359	57.683	ug/l	100
41) Methacrylonitrile	7.48	41	67860	56.591	ug/l	95
42) 1,2-Dichloroethane	8.40	62	177055	57.904	ug/l	100
43) Isopropyl Acetate	8.43	43	215539	58.425	ug/l	100
44) Trichloroethene	9.09	130	135649	57.788	ug/l	99
45) 1,2-Dichloropropane	9.37	63	153519	58.748	ug/l	98
46) Dibromomethane	9.46	93	68369	57.323	ug/l	99
47) Bromodichloromethane	9.65	83	183718	58.722	ug/l	100
48) Methyl methacrylate	9.43	41	104251	58.828	ug/l	100
49) 1,4-Dioxane	9.45	88	21455	1242.357	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	557860	290.715	ug/l	100
52) Toluene	10.39	92	340817	57.786	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	190312	58.232	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	227290	58.491	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	97405	57.559	ug/l	100
56) Ethyl methacrylate	10.65	69	146401	59.120	ug/l	98
57) 1,3-Dichloropropane	10.93	76	184623	57.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	400033	355.790	ug/l	100
59) 2-Hexanone	10.97	43	382602	282.387	ug/l	100
60) Dibromochloromethane	11.13	129	110279	58.707	ug/l	99
61) 1,2-Dibromoethane	11.24	107	92898	58.009	ug/l	100
64) Tetrachloroethene	10.87	164	110983	57.937	ug/l	97
65) Chlorobenzene	11.66	112	337686	57.092	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	121124	58.790	ug/l	100
67) Ethyl Benzene	11.73	91	660132	58.600	ug/l	100
68) m/p-Xylenes	11.84	106	475909	116.167	ug/l	99
69) o-Xylene	12.16	106	223147	58.616	ug/l	98
70) Styrene	12.18	104	391030	59.407	ug/l	100
71) Bromoform	12.35	173	61871	58.899	ug/l #	97
73) Isopropylbenzene	12.46	105	619970	59.599	ug/l	99
74) N-amyl acetate	12.27	43	196637	60.379	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	115310	58.932	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81751m	55.409	ug/l	
77) Bromobenzene	12.75	156	136002	59.151	ug/l	100
78) n-propylbenzene	12.80	91	743491	58.729	ug/l	100
79) 2-Chlorotoluene	12.89	91	427921	58.673	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	513187	58.853	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	38521	60.172	ug/l	99
82) 4-Chlorotoluene	12.99	91	441555	57.703	ug/l	99
83) tert-Butylbenzene	13.21	119	433535	59.455	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	517047	58.863	ug/l	100
85) sec-Butylbenzene	13.38	105	605228	58.170	ug/l	99
86) p-Isopropyltoluene	13.50	119	546383	57.878	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	259857	57.640	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	253279	56.476	ug/l	99
89) n-Butylbenzene	13.82	91	532169	56.489	ug/l	100
90) Hexachloroethane	14.09	117	97901	58.648	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	230216	57.736	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19202	57.549	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	156979	55.861	ug/l	100
94) Hexachlorobutadiene	15.24	225	97896	55.861	ug/l	98
95) Naphthalene	15.37	128	301243	54.529	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	140400	56.997	ug/l	100

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

