

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW012016.D
 Acq On : 20 Aug 2019 02:56
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/20/2019 9:55:23 AM

Quant Time: Aug 20 07:00:34 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	246498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	412226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165145	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	156082	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
35) Dibromofluoromethane	7.88	113	129345	55.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.86%	
50) Toluene-d8	10.32	98	527796	55.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.48%	
62) 4-Bromofluorobenzene	12.62	95	184818	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	62315	45.361	ug/l	93
3) Chloromethane	2.21	50	110449	46.365	ug/l	100
4) Vinyl Chloride	2.36	62	140786	49.090	ug/l	98
5) Bromomethane	2.76	94	67327	42.412	ug/l	96
6) Chloroethane	2.91	64	81907	49.998	ug/l	99
7) Trichlorofluoromethane	3.25	101	65151	50.831	ug/l	99
8) Diethyl Ether	3.68	74	77819	53.549	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	125103	51.453	ug/l	99
10) Methyl Iodide	4.27	142	180256	52.461	ug/l	99
11) Tert butyl alcohol	5.19	59	49754	237.276	ug/l	100
12) 1,1-Dichloroethene	4.04	96	132200	51.496	ug/l	97
13) Acrolein	3.89	56	37697	185.612	ug/l	99
14) Allyl chloride	4.67	41	281002	51.464	ug/l	99
15) Acrylonitrile	5.37	53	201122	277.243	ug/l	98
16) Acetone	4.13	43	165562	183.882	ug/l	98
17) Carbon Disulfide	4.39	76	372692	46.384	ug/l	100
18) Methyl Acetate	4.67	43	113438	56.083	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	228550	56.102	ug/l	97
20) Methylene Chloride	4.92	84	150470	48.457	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	145688	52.639	ug/l	94
22) Diisopropyl ether	6.31	45	556150	54.025	ug/l	99
23) Vinyl Acetate	6.25	43	1722464	266.285	ug/l	100
24) 1,1-Dichloroethane	6.21	63	296476	53.775	ug/l	99
25) 2-Butanone	7.17	43	281045	238.545	ug/l	98
26) 2,2-Dichloropropane	7.17	77	144204	42.530	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	163123	53.552	ug/l	97
28) Bromochloromethane	7.51	49	144000	58.844	ug/l	99
29) Tetrahydrofuran	7.53	42	183882	273.046	ug/l	99
30) Chloroform	7.67	83	268891	52.865	ug/l	97
31) Cyclohexane	7.95	56	256533	48.473	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	207928	53.678	ug/l	99
36) 1,1-Dichloropropene	8.08	75	218262	50.920	ug/l	99
37) Ethyl Acetate	7.25	43	126239	51.190	ug/l	98
38) Carbon Tetrachloride	8.07	117	185655	50.595	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	244351	51.771	ug/l	99
40) Benzene	8.32	78	619480	51.596	ug/l	100
41) Methacrylonitrile	7.48	41	74375	50.453	ug/l	96
42) 1,2-Dichloroethane	8.40	62	191332	50.899	ug/l	99
43) Isopropyl Acetate	8.42	43	243884	53.774	ug/l	99
44) Trichloroethene	9.09	130	151023	52.335	ug/l	100
45) 1,2-Dichloropropane	9.37	63	169702	52.825	ug/l	99
46) Dibromomethane	9.46	93	75444	51.453	ug/l	98
47) Bromodichloromethane	9.65	83	202623	52.682	ug/l	100
48) Methyl methacrylate	9.44	41	118315	54.308	ug/l	99
49) 1,4-Dioxane	9.46	88	22905	1078.875	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	629887	267.010	ug/l	99
52) Toluene	10.39	92	377635	52.083	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	205885	51.244	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	245666	51.426	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	109112	52.448	ug/l	98
56) Ethyl methacrylate	10.65	69	168556	55.368	ug/l	99
57) 1,3-Dichloropropane	10.93	76	206628	52.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	436697	315.937	ug/l	99
59) 2-Hexanone	10.97	43	424513	254.866	ug/l	98
60) Dibromochloromethane	11.13	129	121719	52.709	ug/l	99
61) 1,2-Dibromoethane	11.24	107	103054	52.345	ug/l	99
64) Tetrachloroethene	10.86	164	129022	55.227	ug/l	100
65) Chlorobenzene	11.66	112	381017	52.819	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	135447	53.905	ug/l	100
67) Ethyl Benzene	11.73	91	730500	53.171	ug/l	100
68) m/p-Xylenes	11.84	106	526062	105.289	ug/l	100
69) o-Xylene	12.16	106	250399	53.931	ug/l	99
70) Styrene	12.18	104	434468	54.122	ug/l	99
71) Bromoform	12.35	173	69261	54.062	ug/l	97
73) Isopropylbenzene	12.46	105	690027	56.008	ug/l	100
74) N-amyl acetate	12.27	43	224896	58.306	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	131502	56.745	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	89147m	51.016	ug/l	
77) Bromobenzene	12.75	156	152588	56.034	ug/l	99
78) n-propylbenzene	12.80	91	829926	55.351	ug/l	100
79) 2-Chlorotoluene	12.89	91	476349	55.146	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	577498	55.919	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41193	54.329	ug/l	98
82) 4-Chlorotoluene	12.99	91	484090	53.414	ug/l	99
83) tert-Butylbenzene	13.21	119	495019	57.319	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	575542	55.323	ug/l	100
85) sec-Butylbenzene	13.38	105	693371	56.267	ug/l	100
86) p-Isopropyltoluene	13.50	119	616092	55.103	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	288596	54.049	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	282118	53.114	ug/l	100
89) n-Butylbenzene	13.82	91	598913	53.677	ug/l	100
90) Hexachloroethane	14.09	117	111950	56.624	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	258317	54.699	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22365	56.594	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	181785	54.618	ug/l	99
94) Hexachlorobutadiene	15.24	225	113019	54.452	ug/l	99
95) Naphthalene	15.36	128	360811	55.122	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	164035	56.226	ug/l	99

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

