

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011514.D
 Acq On : 26 Jul 2019 13:44
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 9:17:53 AM

Quant Time: Jul 27 00:24:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:06:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	390605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	349873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164378	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	427675	155.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.92%	
35) Dibromofluoromethane	7.88	113	350350	159.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.76%	
50) Toluene-d8	10.32	98	1425319	158.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.72%	
62) 4-Bromofluorobenzene	12.62	95	507408	158.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	317.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	199183	149.657	ug/l	96
3) Chloromethane	2.21	50	325373	140.985	ug/l	100
4) Vinyl Chloride	2.36	62	391267	140.820	ug/l	98
5) Bromomethane	2.76	94	211760	137.691	ug/l	98
6) Chloroethane	2.91	64	234039	147.461	ug/l	98
7) Trichlorofluoromethane	3.25	101	192912	155.355	ug/l	99
8) Diethyl Ether	3.68	74	214470	152.332	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	335789	142.551	ug/l	99
10) Methyl Iodide	4.27	142	512699	154.017	ug/l	100
11) Tert butyl alcohol	5.17	59	142356	618.362	ug/l	99
12) 1,1-Dichloroethene	4.04	96	368598	148.203	ug/l	98
13) Acrolein	3.89	56	136226	692.338	ug/l	100
14) Allyl chloride	4.66	41	803161	151.831	ug/l	100
15) Acrylonitrile	5.36	53	535583	762.056	ug/l	98
16) Acetone	4.12	43	619939	710.701	ug/l	99
17) Carbon Disulfide	4.38	76	1175213	150.973	ug/l	100
18) Methyl Acetate	4.67	43	295134	150.610	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	586348	148.565	ug/l	97
20) Methylene Chloride	4.92	84	407247	135.372	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	401109	149.590	ug/l	98
22) Diisopropyl ether	6.31	45	1479937	148.390	ug/l	99
23) Vinyl Acetate	6.25	43	4914705	784.247	ug/l	100
24) 1,1-Dichloroethane	6.21	63	807888	151.251	ug/l	99
25) 2-Butanone	7.17	43	863625	756.623	ug/l	100
26) 2,2-Dichloropropane	7.17	77	434447	132.256	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	441329	149.547	ug/l	99
28) Bromochloromethane	7.51	49	348562	147.020	ug/l #	99
29) Tetrahydrofuran	7.52	42	501674	768.913	ug/l	99
30) Chloroform	7.67	83	724624	147.048	ug/l	99
31) Cyclohexane	7.95	56	696614	135.865	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	559250	149.020	ug/l	99
36) 1,1-Dichloropropene	8.08	75	593019	146.007	ug/l	99
37) Ethyl Acetate	7.25	43	348862	149.295	ug/l	99
38) Carbon Tetrachloride	8.07	117	519264	149.343	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	659116	147.378	ug/l	98
40) Benzene	8.32	78	1680332	147.699	ug/l	100
41) Methacrylonitrile	7.48	41	221941	158.889	ug/l	96
42) 1,2-Dichloroethane	8.40	62	527829	148.188	ug/l	100
43) Isopropyl Acetate	8.42	43	680902	158.444	ug/l	99
44) Trichloroethene	9.09	130	411772	150.591	ug/l	98
45) 1,2-Dichloropropane	9.37	63	460850	151.395	ug/l	99
46) Dibromomethane	9.46	93	208865	150.333	ug/l	100
47) Bromodichloromethane	9.65	83	563741	154.685	ug/l	99
48) Methyl methacrylate	9.43	41	334124	161.856	ug/l	99
49) 1,4-Dioxane	9.45	88	59002	2932.952	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1717499	768.351	ug/l	100
52) Toluene	10.39	92	1036052	150.800	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	611431	160.606	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	721445	159.381	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	298608	151.479	ug/l	99
56) Ethyl methacrylate	10.65	69	472558	163.820	ug/l	99
57) 1,3-Dichloropropane	10.93	76	566686	151.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	1125049	858.992	ug/l	100
59) 2-Hexanone	10.97	43	1256809	796.320	ug/l	99
60) Dibromochloromethane	11.13	129	350428	160.147	ug/l	99
61) 1,2-Dibromoethane	11.23	107	285497	153.041	ug/l	99
64) Tetrachloroethene	10.86	164	334210	146.708	ug/l	98
65) Chlorobenzene	11.66	112	1048028	148.993	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	374731	152.943	ug/l	100
67) Ethyl Benzene	11.73	91	2016948	150.555	ug/l	99
68) m/p-Xylenes	11.84	106	1446361	296.873	ug/l	99
69) o-Xylene	12.16	106	681844	150.606	ug/l	100
70) Styrene	12.18	104	1190800	152.124	ug/l	100
71) Bromoform	12.35	173	198465	158.869	ug/l #	98
73) Isopropylbenzene	12.46	105	1859111	151.604	ug/l	100
74) N-amyl acetate	12.27	43	623938	162.516	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	351609	152.432	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	248778m	142.561	ug/l	
77) Bromobenzene	12.75	156	411741	151.906	ug/l	99
78) n-propylbenzene	12.80	91	2265647	151.811	ug/l	100
79) 2-Chlorotoluene	12.89	91	1300423	151.250	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1554345	151.209	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	128361	170.084	ug/l	97
82) 4-Chlorotoluene	12.99	91	1343367	148.918	ug/l	100
83) tert-Butylbenzene	13.21	119	1302775	151.554	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1564443	151.080	ug/l	100
85) sec-Butylbenzene	13.38	105	1833801	149.508	ug/l	100
86) p-Isopropyltoluene	13.50	119	1672052	150.246	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	785734	147.842	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	779339	147.411	ug/l	100
89) n-Butylbenzene	13.82	91	1683566	151.593	ug/l	100
90) Hexachloroethane	14.10	117	310140	157.601	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	696287	148.128	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	63151	160.548	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	528524	159.538	ug/l	99
94) Hexachlorobutadiene	15.24	225	307019	148.609	ug/l	98
95) Naphthalene	15.37	128	1006603	171.376	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	465240	160.212	ug/l	100

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

