

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100119\
 Data File : VW013370.D
 Acq On : 01 Oct 2019 14:20
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 8:22:43 AM

Quant Time: Oct 01 15:14:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 15:01:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	382002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	538974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	467437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	236212	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	132000	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	
35) Dibromofluoromethane	7.88	113	135919	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
50) Toluene-d8	10.32	98	562309	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
62) 4-Bromofluorobenzene	12.62	95	185065	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	66774	46.546	ug/l	100
3) Chloromethane	2.21	50	107998	39.826	ug/l	100
4) Vinyl Chloride	2.35	62	156563	43.434	ug/l	100
5) Bromomethane	2.77	94	100762	45.468	ug/l	100
6) Chloroethane	2.92	64	89140	43.805	ug/l	100
7) Trichlorofluoromethane	3.25	101	67073	42.656	ug/l	100
8) Diethyl Ether	3.68	74	78486	44.569	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	152361	43.943	ug/l	100
10) Methyl Iodide	4.27	142	252133	45.751	ug/l	100
11) Tert butyl alcohol	5.15	59	67436	110.864	ug/l	100
12) 1,1-Dichloroethene	4.04	96	160270	44.105	ug/l	100
13) Acrolein	3.89	56	69501	278.382	ug/l	100
14) Allyl chloride	4.66	41	240525	45.271	ug/l	100
15) Acrylonitrile	5.36	53	172377	213.151	ug/l	100
16) Acetone	4.12	43	194273	206.494	ug/l	100
17) Carbon Disulfide	4.38	76	464582	46.524	ug/l	100
18) Methyl Acetate	4.66	43	83372	39.034	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	237832	44.579	ug/l	100
20) Methylene Chloride	4.92	84	170155	36.014	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	171338	44.621	ug/l	100
22) Diisopropyl ether	6.31	45	475015	46.318	ug/l	100
23) Vinyl Acetate	6.25	43	1404849	228.987	ug/l	100
24) 1,1-Dichloroethane	6.21	63	285472	45.049	ug/l	100
25) 2-Butanone	7.16	43	251426	212.443	ug/l	100
26) 2,2-Dichloropropane	7.16	77	165344	37.996	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	183377	45.389	ug/l	100
28) Bromochloromethane	7.51	49	122655	56.293	ug/l	100
29) Tetrahydrofuran	7.52	42	144128	210.318	ug/l	100
30) Chloroform	7.67	83	272797	43.975	ug/l	100
31) Cyclohexane	7.95	56	282680	40.691	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	218109	44.938	ug/l	100
36) 1,1-Dichloropropene	8.08	75	233652	44.783	ug/l	100
37) Ethyl Acetate	7.25	43	100480	38.179	ug/l	100
38) Carbon Tetrachloride	8.07	117	205152	45.945	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	300685	43.927	ug/l	100
40) Benzene	8.32	78	662377	44.910	ug/l	100
41) Methacrylonitrile	7.48	41	61754	21.798	ug/l	100
42) 1,2-Dichloroethane	8.40	62	169406	45.327	ug/l	100
43) Isopropyl Acetate	8.42	43	190379	44.078	ug/l	100
44) Trichloroethene	9.09	130	188963	45.417	ug/l	100
45) 1,2-Dichloropropane	9.37	63	158574	45.460	ug/l	100
46) Dibromomethane	9.46	93	79385	45.315	ug/l	100
47) Bromodichloromethane	9.65	83	197497	46.573	ug/l	100
48) Methyl methacrylate	9.43	41	90688	44.949	ug/l	100
49) 1,4-Dioxane	9.45	88	24706	789.949	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	479723	206.094	ug/l	100
52) Toluene	10.38	92	429915	45.673	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	206806	48.220	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	250387	47.544	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	115796	44.457	ug/l	100
56) Ethyl methacrylate	10.65	69	160718	46.887	ug/l	100
57) 1,3-Dichloropropane	10.93	76	202082	44.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	337767	238.853	ug/l	100
59) 2-Hexanone	10.97	43	357548	230.196	ug/l	100
60) Dibromochloromethane	11.13	129	139079	48.215	ug/l	100
61) 1,2-Dibromoethane	11.24	107	114267	44.990	ug/l	100
64) Tetrachloroethene	10.86	164	163832	43.862	ug/l	100
65) Chlorobenzene	11.66	112	447001	44.622	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	156114	47.046	ug/l	100
67) Ethyl Benzene	11.73	91	808682	45.170	ug/l	100
68) m/p-Xylenes	11.83	106	616348	88.916	ug/l	100
69) o-Xylene	12.16	106	285516	45.209	ug/l	100
70) Styrene	12.18	104	510417	47.063	ug/l	100
71) Bromoform	12.35	173	83225	46.093	ug/l #	100
73) Isopropylbenzene	12.46	105	798594	44.903	ug/l	100
74) N-amyl acetate	12.27	43	166706	43.455	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	126007	41.306	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	100544m	47.070	ug/l	
77) Bromobenzene	12.74	156	185914	43.918	ug/l	100
78) n-propylbenzene	12.80	91	901511	44.256	ug/l	100
79) 2-Chlorotoluene	12.89	91	512085	44.479	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	675308	45.109	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	40673	44.416	ug/l	100
82) 4-Chlorotoluene	12.99	91	522807	44.082	ug/l	100
83) tert-Butylbenzene	13.21	119	584322	44.390	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	653105	43.996	ug/l	100
85) sec-Butylbenzene	13.38	105	794672	43.754	ug/l	100
86) p-Isopropyltoluene	13.50	119	737655	43.796	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	362415	44.224	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	358872	44.030	ug/l	100
89) n-Butylbenzene	13.82	91	682301	44.904	ug/l	100
90) Hexachloroethane	14.09	117	125179	45.452	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	321521	44.649	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19411	41.402	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	237491	47.235	ug/l	100
94) Hexachlorobutadiene	15.24	225	146353	43.203	ug/l	100
95) Naphthalene	15.37	128	393999	47.701	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	200388	45.569	ug/l	100

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

