

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005836.D
 Acq On : 04 Oct 2018 04:29
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 10/4/2018 2:47:08 PM

Quant Time: Oct 04 06:49:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	304452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	161388	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	125473	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
35) Dibromofluoromethane	7.89	113	102608	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
50) Toluene-d8	10.33	98	409081	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.62	95	152935	52.80	ug/l	0.00
Spiked Amount			Recovery	=	105.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	57566	42.432	ug/l	100
3) Chloromethane	2.21	50	64968	40.506	ug/l	100
4) Vinyl Chloride	2.37	62	100064	50.680	ug/l	100
5) Bromomethane	2.78	94	68661	51.244	ug/l	100
6) Chloroethane	2.93	64	62533	49.426	ug/l	100
7) Trichlorofluoromethane	3.26	101	71803	47.292	ug/l	100
8) Diethyl Ether	3.68	74	55265	54.120	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	95557	49.153	ug/l	100
10) Methyl Iodide	4.27	142	162882	53.839	ug/l	100
11) Tert butyl alcohol	5.23	59	35287	253.444	ug/l	100
12) 1,1-Dichloroethene	4.03	96	95931	51.197	ug/l	100
13) Acrolein	3.90	56	34900	323.270	ug/l	100
14) Allyl chloride	4.67	41	160344	49.691	ug/l	100
15) Acrylonitrile	5.38	53	121511	268.717	ug/l	100
16) Acetone	4.14	43	104557	242.930	ug/l	100
17) Carbon Disulfide	4.37	76	314158	53.215	ug/l	100
18) Methyl Acetate	4.68	43	61404	52.946	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	166233	56.814	ug/l	100
20) Methylene Chloride	4.91	84	119465	49.079	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	108928	53.085	ug/l	100
22) Diisopropyl ether	6.32	45	331270	52.700	ug/l	100
23) Vinyl Acetate	6.26	43	974616	269.841	ug/l	100
24) 1,1-Dichloroethane	6.22	63	202385	51.852	ug/l	100
25) 2-Butanone	7.18	43	150770	255.278	ug/l	100
26) 2,2-Dichloropropane	7.17	77	119790	44.832	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	119393	52.873	ug/l	100
28) Bromochloromethane	7.52	49	68716	45.280	ug/l	100
29) Tetrahydrofuran	7.54	42	99626	269.443	ug/l	100
30) Chloroform	7.68	83	216117	53.393	ug/l	100
31) Cyclohexane	7.96	56	170491	46.044	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	181659	51.075	ug/l	100
36) 1,1-Dichloropropene	8.09	75	160693	52.069	ug/l	100
37) Ethyl Acetate	7.26	43	69706	53.295	ug/l	100
38) Carbon Tetrachloride	8.07	117	171938	51.933	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	184672	50.895	ug/l	100
40) Benzene	8.33	78	462650	52.728	ug/l	100
41) Methacrylonitrile	7.49	41	44540	58.875	ug/l	100
42) 1,2-Dichloroethane	8.40	62	158085	55.611	ug/l	100
43) Isopropyl Acetate	8.43	43	138968	53.749	ug/l	100
44) Trichloroethene	9.09	130	119669	53.103	ug/l	100
45) 1,2-Dichloropropane	9.37	63	108154	50.603	ug/l	100
46) Dibromomethane	9.46	93	60461	55.467	ug/l	100
47) Bromodichloromethane	9.65	83	156892	54.011	ug/l	100
48) Methyl methacrylate	9.44	41	68959	56.079	ug/l	100
49) 1,4-Dioxane	9.48	88	18986	1091.253	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	362591	277.501	ug/l	100
52) Toluene	10.39	92	297344	54.186	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	158398	54.442	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	176740	54.282	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	86351	55.674	ug/l	100
56) Ethyl methacrylate	10.65	69	111209	58.127	ug/l	100
57) 1,3-Dichloropropane	10.94	76	148792	54.410	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	220990	259.923	ug/l	100
59) 2-Hexanone	10.98	43	247257	279.215	ug/l	100
60) Dibromochloromethane	11.13	129	110404	58.447	ug/l	100
61) 1,2-Dibromoethane	11.24	107	82332	56.812	ug/l	100
64) Tetrachloroethene	10.87	164	114987	54.583	ug/l	100
65) Chlorobenzene	11.66	112	327377	52.588	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	123522	54.754	ug/l	100
67) Ethyl Benzene	11.74	91	584936	53.087	ug/l	100
68) m/p-Xylenes	11.84	106	453992	108.687	ug/l	100
69) o-Xylene	12.17	106	211265	54.052	ug/l	100
70) Styrene	12.19	104	362248	55.081	ug/l	100
71) Bromoform	12.35	173	69225	57.178	ug/l #	100
73) Isopropylbenzene	12.47	105	590192	52.672	ug/l	100
74) N-amyl acetate	12.28	43	131893	51.838	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	100966	53.557	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	72316m	51.685	ug/l	
77) Bromobenzene	12.76	156	142855	53.827	ug/l	100
78) n-propylbenzene	12.81	91	706316	52.207	ug/l	100
79) 2-Chlorotoluene	12.90	91	412441	52.457	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	521206	53.454	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	31772	51.696	ug/l	100
82) 4-Chlorotoluene	12.99	91	433908	52.317	ug/l	100
83) tert-Butylbenzene	13.21	119	432152	52.796	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	538431	54.616	ug/l	100
85) sec-Butylbenzene	13.39	105	610268	51.539	ug/l	100
86) p-Isopropyltoluene	13.51	119	565404	53.112	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	286686	52.957	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	280910	52.242	ug/l	100
89) n-Butylbenzene	13.83	91	508022	50.893	ug/l	100
90) Hexachloroethane	14.10	117	98785	51.171	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	258698	53.925	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19198	52.886	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	182234	53.512	ug/l	100
94) Hexachlorobutadiene	15.24	225	110634	50.417	ug/l	100
95) Naphthalene	15.38	128	334266	57.657	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	165678	54.904	ug/l	100

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

