

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
 Data File : VW006935.D
 Acq On : 17 Nov 2018 01:26
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 11/19/2018 3:29:34 PM

Quant Time: Nov 17 04:34:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 01:21:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	194719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	181070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80100	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	207076	227.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	454.34%	
35) Dibromofluoromethane	7.89	113	193233	164.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.08%	
50) Toluene-d8	10.33	98	749977	153.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.40%	
62) 4-Bromofluorobenzene	12.62	95	284659	156.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	312.66%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	148635	154.63	ug/l	99
3) Chloromethane	2.21	50	134500	128.85	ug/l	99
4) Vinyl Chloride	2.36	62	128683	117.35	ug/l	100
5) Bromomethane	2.77	94	60443	84.46	ug/l	98
6) Chloroethane	2.91	64	70615	100.70	ug/l	96
7) Trichlorofluoromethane	3.26	101	276996	179.44	ug/l	100
8) Diethyl Ether	3.68	74	99877	211.29	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	169568	163.05	ug/l	100
10) Methyl Iodide	4.27	142	229490	162.53	ug/l	100
11) Tert butyl alcohol	5.21	59	66857	1120.65	ug/l	98
12) 1,1-Dichloroethene	4.04	96	161209	181.59	ug/l	98
13) Acrolein	3.90	56	67883	1089.21	ug/l	99
14) Allyl chloride	4.67	41	288130	231.67	ug/l	98
15) Acrylonitrile	5.37	53	197523	1095.32	ug/l	99
16) Acetone	4.14	43	147541	1121.61	ug/l	99
17) Carbon Disulfide	4.38	76	516918	184.15	ug/l	100
18) Methyl Acetate	4.67	43	107055	237.09	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	473928	215.55	ug/l	99
20) Methylene Chloride	4.92	84	193470	140.99	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	190559	181.81	ug/l	95
22) Diisopropyl ether	6.32	45	575114	224.48	ug/l	98
23) Vinyl Acetate	6.26	43	1625983	1127.07	ug/l	98
24) 1,1-Dichloroethane	6.22	63	345343	209.26	ug/l	99
25) 2-Butanone	7.18	43	233301	1055.98	ug/l	100
26) 2,2-Dichloropropane	7.17	77	272416	169.12	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	217702	193.36	ug/l	99
28) Bromochloromethane	7.52	49	125181	215.43	ug/l	# 100
29) Tetrahydrofuran	7.54	42	161352	1140.82	ug/l	100
30) Chloroform	7.68	83	359396	200.91	ug/l	98
31) Cyclohexane	7.96	56	276973	165.83	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	296908	174.83	ug/l	99
36) 1,1-Dichloropropene	8.09	75	256372	140.53	ug/l	98
37) Ethyl Acetate	7.26	43	114586	183.88	ug/l	99
38) Carbon Tetrachloride	8.07	117	254841	130.73	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	325754	139.26	ug/l	99
40) Benzene	8.33	78	751385	147.43	ug/l	100
41) Methacrylonitrile	7.49	41	72632	188.92	ug/l	95
42) 1,2-Dichloroethane	8.40	62	233989	168.74	ug/l	100
43) Isopropyl Acetate	8.43	43	237766	195.89	ug/l	99
44) Trichloroethene	9.09	130	203510	129.61	ug/l	96
45) 1,2-Dichloropropane	9.37	63	189807	157.95	ug/l	99
46) Dibromomethane	9.46	93	101616	154.21	ug/l	99
47) Bromodichloromethane	9.65	83	260740	158.25	ug/l	99
48) Methyl methacrylate	9.44	41	113414	192.08	ug/l	98
49) 1,4-Dioxane	9.48	88	26838	2684.28	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	535971	883.79	ug/l	98
52) Toluene	10.39	92	500190	139.87	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	272139	167.71	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	309066	160.51	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	142951	146.14	ug/l	96
56) Ethyl methacrylate	10.65	69	191497	175.32	ug/l	98
57) 1,3-Dichloropropane	10.93	76	250934	160.32	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	453231	842.28	ug/l	99
59) 2-Hexanone	10.97	43	363113	872.94	ug/l	99
60) Dibromochloromethane	11.13	129	178991	151.27	ug/l	99
61) 1,2-Dibromoethane	11.24	107	140047	151.46	ug/l	100
64) Tetrachloroethene	10.87	164	171108	122.21	ug/l	98
65) Chlorobenzene	11.66	112	557033	139.71	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	188542	146.14	ug/l	99
67) Ethyl Benzene	11.74	91	995906	145.51	ug/l	98
68) m/p-Xylenes	11.84	106	762379	274.76	ug/l	99
69) o-Xylene	12.17	106	362458	140.00	ug/l	99
70) Styrene	12.18	104	594097	143.05	ug/l	100
71) Bromoform	12.35	173	94602	137.64	ug/l #	99
73) Isopropylbenzene	12.47	105	985130	173.56	ug/l	100
74) N-amyl acetate	12.27	43	204766	224.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	149776	189.09	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	94975m	157.10	ug/l	
77) Bromobenzene	12.75	156	210625	150.86	ug/l	99
78) n-propylbenzene	12.81	91	1167303	173.75	ug/l	100
79) 2-Chlorotoluene	12.90	91	684050	180.10	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	838265	171.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	49742	205.76	ug/l	94
82) 4-Chlorotoluene	12.99	91	717826	177.32	ug/l	100
83) tert-Butylbenzene	13.21	119	709762	165.95	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	835469	168.59	ug/l	100
85) sec-Butylbenzene	13.39	105	996691	164.16	ug/l	100
86) p-Isopropyltoluene	13.51	119	865233	157.83	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	403858	142.46	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	404425	144.02	ug/l	100
89) n-Butylbenzene	13.83	91	828202	163.90	ug/l	100
90) Hexachloroethane	14.10	117	154376	175.06	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	358019	144.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26734	205.18	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	238845	131.04	ug/l	99
94) Hexachlorobutadiene	15.24	225	116969	103.98	ug/l	99
95) Naphthalene	15.38	128	494347	174.01	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	209470	133.84	ug/l	99

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

