

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005406.D
 Acq On : 15 Sep 2018 01:22
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 9/17/2018 2:24:09 PM

Quant Time: Sep 15 02:26:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	243976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	367480	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	346666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	346550	180.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	360.92%	
35) Dibromofluoromethane	7.89	113	292873	151.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.58%	
50) Toluene-d8	10.33	98	1331587	138.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.22%	
62) 4-Bromofluorobenzene	12.63	95	478609	135.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	270.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	293172	136.96	ug/l	98
3) Chloromethane	2.21	50	385461	136.58	ug/l	100
4) Vinyl Chloride	2.35	62	367368	141.15	ug/l	98
5) Bromomethane	2.78	94	229378	129.17	ug/l	98
6) Chloroethane	2.91	64	218228	150.03	ug/l	99
7) Trichlorofluoromethane	3.26	101	487270	160.52	ug/l	99
8) Diethyl Ether	3.69	74	158024	150.84	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	289507	138.64	ug/l	99
10) Methyl Iodide	4.27	142	422131	182.51	ug/l	98
11) Tert butyl alcohol	5.22	59	109383	723.80	ug/l	98
12) 1,1-Dichloroethene	4.04	96	276534	144.29	ug/l	97
13) Acrolein	3.90	56	83230	599.50	ug/l	98
14) Allyl chloride	4.67	41	536469	175.78	ug/l	99
15) Acrylonitrile	5.38	53	358078	757.05	ug/l	99
16) Acetone	4.15	43	259515	748.96	ug/l	100
17) Carbon Disulfide	4.38	76	989222	147.34	ug/l	99
18) Methyl Acetate	4.68	43	178911	171.20	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	780985	166.43	ug/l	96
20) Methylene Chloride	4.92	84	345167	119.57	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	328943	146.17	ug/l	97
22) Diisopropyl ether	6.32	45	1055022	171.45	ug/l	98
23) Vinyl Acetate	6.26	43	2999915	871.86	ug/l	99
24) 1,1-Dichloroethane	6.22	63	611732	162.44	ug/l	98
25) 2-Butanone	7.18	43	414580	757.20	ug/l	97
26) 2,2-Dichloropropane	7.17	77	511169	156.29	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	365755	151.35	ug/l	98
28) Bromochloromethane	7.52	49	227763	164.38	ug/l	99
29) Tetrahydrofuran	7.54	42	282821	775.01	ug/l	99
30) Chloroform	7.68	83	624785	165.24	ug/l	98
31) Cyclohexane	7.96	56	552708	141.83	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	555348	161.44	ug/l	99
36) 1,1-Dichloropropene	8.09	75	495452	146.43	ug/l	100
37) Ethyl Acetate	7.26	43	198431	151.73	ug/l	99
38) Carbon Tetrachloride	8.07	117	495784	153.69	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	619958	140.98	ug/l	98
40) Benzene	8.33	78	1438671	145.10	ug/l	99
41) Methacrylonitrile	7.49	41	131072	192.12	ug/l	98
42) 1,2-Dichloroethane	8.41	62	433633	173.33	ug/l	99
43) Isopropyl Acetate	8.43	43	408475	167.29	ug/l	100
44) Trichloroethene	9.10	130	370085	137.47	ug/l	95
45) 1,2-Dichloropropane	9.38	63	342235	143.67	ug/l	99
46) Dibromomethane	9.46	93	168514	143.41	ug/l	99
47) Bromodichloromethane	9.65	83	452605	155.18	ug/l	99
48) Methyl methacrylate	9.45	41	213719	169.87	ug/l	97
49) 1,4-Dioxane	9.48	88	54229	2541.93	ug/l #	95
51) 4-Methyl-2-Pentanone	10.22	43	1027197	757.58	ug/l	99
52) Toluene	10.40	92	986695	137.68	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	491412	157.97	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	545660	147.95	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	245467	133.27	ug/l	97
56) Ethyl methacrylate	10.65	69	349755	149.27	ug/l	98
57) 1,3-Dichloropropane	10.94	76	438413	141.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	793833	775.92	ug/l	100
59) 2-Hexanone	10.98	43	697354	716.32	ug/l	99
60) Dibromochloromethane	11.13	129	310695	149.89	ug/l	100
61) 1,2-Dibromoethane	11.24	107	227425	134.77	ug/l	100
64) Tetrachloroethene	10.87	164	368752	143.74	ug/l	98
65) Chlorobenzene	11.66	112	1053417	139.74	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	346534	152.10	ug/l	100
67) Ethyl Benzene	11.74	91	1949854	148.11	ug/l	99
68) m/p-Xylenes	11.85	106	1485533	281.63	ug/l	99
69) o-Xylene	12.17	106	699451	142.80	ug/l	100
70) Styrene	12.19	104	1159012	144.56	ug/l	99
71) Bromoform	12.35	173	183812	149.40	ug/l #	100
73) Isopropylbenzene	12.47	105	1932007	161.09	ug/l	100
74) N-amyl acetate	12.28	43	404907	173.82	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	262112	146.09	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	191135m	145.81	ug/l	
77) Bromobenzene	12.76	156	422335	148.81	ug/l	99
78) n-propylbenzene	12.81	91	2292127	157.98	ug/l	100
79) 2-Chlorotoluene	12.90	91	1314587	157.73	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1650375	159.70	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	85958	154.73	ug/l	100
82) 4-Chlorotoluene	12.99	91	1372823	156.36	ug/l	100
83) tert-Butylbenzene	13.21	119	1376411	153.58	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1656431	158.78	ug/l	99
85) sec-Butylbenzene	13.39	105	1954819	151.98	ug/l	100
86) p-Isopropyltoluene	13.51	119	1764597	154.65	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	828554	139.92	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	806326	137.76	ug/l	100
89) n-Butylbenzene	13.83	91	1625036	151.52	ug/l	99
90) Hexachloroethane	14.10	117	295518	159.90	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	712096	136.10	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	47077	154.36	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	505401	137.33	ug/l	99
94) Hexachlorobutadiene	15.24	225	307818	130.66	ug/l	100
95) Naphthalene	15.38	128	930813	156.23	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	444442	140.61	ug/l	99

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

