

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005403.D
 Acq On : 15 Sep 2018 00:06
 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
 9/17/2018 2:23:55 PM

Quant Time: Sep 15 02:22:43 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	230194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	343134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	332611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	176011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	112179	61.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.82%	
35) Dibromofluoromethane	7.89	113	92493	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.33	98	442183	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.62	95	164965	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	98189	48.62	ug/l	100
3) Chloromethane	2.21	50	124597	46.79	ug/l	100
4) Vinyl Chloride	2.36	62	118890	48.41	ug/l	100
5) Bromomethane	2.78	94	78900	47.09	ug/l	100
6) Chloroethane	2.92	64	71905	52.39	ug/l	100
7) Trichlorofluoromethane	3.27	101	155818	54.40	ug/l	100
8) Diethyl Ether	3.69	74	46513	47.06	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	89909	45.63	ug/l	100
10) Methyl Iodide	4.28	142	123034	56.38	ug/l	100
11) Tert butyl alcohol	5.21	59	34233	240.09	ug/l	100
12) 1,1-Dichloroethene	4.05	96	82287	45.51	ug/l	100
13) Acrolein	3.91	56	23331	178.11	ug/l	100
14) Allyl chloride	4.68	41	157535	54.71	ug/l	100
15) Acrylonitrile	5.38	53	109579	245.54	ug/l	100
16) Acetone	4.15	43	86141	263.49	ug/l	100
17) Carbon Disulfide	4.39	76	290751	45.90	ug/l	100
18) Methyl Acetate	4.68	43	54100	54.87	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	236907	53.51	ug/l	100
20) Methylene Chloride	4.93	84	121641	44.66	ug/l	100
21) trans-1,2-Dichloroethene	5.44	96	97871	46.09	ug/l	100
22) Diisopropyl ether	6.32	45	331192	57.05	ug/l	100
23) Vinyl Acetate	6.27	43	931667	286.98	ug/l	100
24) 1,1-Dichloroethane	6.23	63	186675	52.54	ug/l	100
25) 2-Butanone	7.18	43	137936	267.02	ug/l	100
26) 2,2-Dichloropropane	7.18	77	166841	54.06	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	108836	47.73	ug/l	100
28) Bromochloromethane	7.52	49	70488	53.92	ug/l	100
29) Tetrahydrofuran	7.54	42	88970	258.40	ug/l	100
30) Chloroform	7.68	83	191611	53.71	ug/l	100
31) Cyclohexane	7.96	56	176596	48.03	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	184418	56.82	ug/l	100
36) 1,1-Dichloropropene	8.09	75	157842	49.96	ug/l	100
37) Ethyl Acetate	7.26	43	62715	51.36	ug/l	100
38) Carbon Tetrachloride	8.07	117	161341	53.57	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	187708	45.71	ug/l	100
40) Benzene	8.33	78	460125	49.70	ug/l	100
41) Methacrylonitrile	7.49	41	38462	60.38	ug/l	100
42) 1,2-Dichloroethane	8.41	62	138976	59.49	ug/l	100
43) Isopropyl Acetate	8.43	43	125650	55.11	ug/l	100
44) Trichloroethene	9.10	130	116364	46.29	ug/l	100
45) 1,2-Dichloropropane	9.38	63	109011	49.01	ug/l	100
46) Dibromomethane	9.46	93	52772	48.10	ug/l	100
47) Bromodichloromethane	9.65	83	145942	53.59	ug/l	100
48) Methyl methacrylate	9.45	41	65597	55.84	ug/l	100
49) 1,4-Dioxane	9.48	88	18718	939.64	ug/l #	100
51) 4-Methyl-2-Pentanone	10.22	43	335455	264.96	ug/l	100
52) Toluene	10.40	92	319393	47.73	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	147973	50.94	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	166591	48.38	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	76938	44.74	ug/l	100
56) Ethyl methacrylate	10.65	69	107376	49.08	ug/l	100
57) 1,3-Dichloropropane	10.94	76	138504	47.98	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	229351	240.08	ug/l	100
59) 2-Hexanone	10.98	43	237562	261.34	ug/l	100
60) Dibromochloromethane	11.13	129	95680	49.43	ug/l	100
61) 1,2-Dibromoethane	11.24	107	71502	45.38	ug/l	100
64) Tetrachloroethene	10.87	164	121143	49.22	ug/l	100
65) Chlorobenzene	11.66	112	346148	47.86	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	110930	50.75	ug/l	100
67) Ethyl Benzene	11.74	91	628917	49.79	ug/l	100
68) m/p-Xylenes	11.85	106	485380	95.91	ug/l	100
69) o-Xylene	12.17	106	227382	48.39	ug/l	100
70) Styrene	12.19	104	382003	49.66	ug/l	100
71) Bromoform	12.35	173	59076	50.05	ug/l #	100
73) Isopropylbenzene	12.47	105	623876	50.47	ug/l	100
74) N-amyl acetate	12.28	43	132381	55.14	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	88048	47.62	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	65411m	48.42	ug/l	
77) Bromobenzene	12.75	156	144837	49.52	ug/l	100
78) n-propylbenzene	12.81	91	760045	50.83	ug/l	100
79) 2-Chlorotoluene	12.90	91	441847	51.44	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	558363	52.43	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28227	49.30	ug/l	100
82) 4-Chlorotoluene	12.99	91	467236	51.64	ug/l	100
83) tert-Butylbenzene	13.21	119	461226	49.94	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	567809	52.81	ug/l	100
85) sec-Butylbenzene	13.39	105	660604	49.83	ug/l	100
86) p-Isopropyltoluene	13.51	119	599691	51.00	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	292237	47.88	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	290806	48.21	ug/l	100
89) n-Butylbenzene	13.83	91	561045	50.76	ug/l	100
90) Hexachloroethane	14.10	117	99618	52.30	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	260844	48.37	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16798	53.44	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	180981	47.72	ug/l	100
94) Hexachlorobutadiene	15.24	225	116426	47.95	ug/l	100
95) Naphthalene	15.38	128	302816	49.32	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	156225	47.96	ug/l	100

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

