

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005405.D
 Acq On : 15 Sep 2018 00:57
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 9/17/2018 2:24:05 PM

Quant Time: Sep 15 02:25:10 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	246160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	366353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	347722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174797	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	228765	118.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	236.14%	
35) Dibromofluoromethane	7.89	113	190898	99.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.48%	
50) Toluene-d8	10.33	98	912348	95.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	190.52%	
62) 4-Bromofluorobenzene	12.62	95	329631	93.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	198295	91.81	ug/l	100
3) Chloromethane	2.21	50	253109	88.89	ug/l	100
4) Vinyl Chloride	2.36	62	246307	93.80	ug/l	98
5) Bromomethane	2.78	94	152576	85.16	ug/l	100
6) Chloroethane	2.92	64	147230	100.32	ug/l	100
7) Trichlorofluoromethane	3.26	101	321316	104.91	ug/l	99
8) Diethyl Ether	3.69	74	100876	95.43	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	187740	89.10	ug/l	100
10) Methyl Iodide	4.28	142	278649	119.41	ug/l	99
11) Tert butyl alcohol	5.23	59	73097	479.40	ug/l	99
12) 1,1-Dichloroethene	4.04	96	176538	91.30	ug/l	98
13) Acrolein	3.90	56	49871	356.03	ug/l	98
14) Allyl chloride	4.68	41	342410	111.20	ug/l	99
15) Acrylonitrile	5.38	53	230817	483.66	ug/l	100
16) Acetone	4.15	43	177339	507.26	ug/l	99
17) Carbon Disulfide	4.39	76	638261	94.22	ug/l	99
18) Methyl Acetate	4.68	43	112344	106.55	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	511538	108.04	ug/l	97
20) Methylene Chloride	4.92	84	241607	82.96	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	211577	93.18	ug/l	99
22) Diisopropyl ether	6.32	45	687932	110.81	ug/l	99
23) Vinyl Acetate	6.26	43	1937633	558.13	ug/l	100
24) 1,1-Dichloroethane	6.22	63	392956	103.42	ug/l	99
25) 2-Butanone	7.18	43	271904	492.21	ug/l	99
26) 2,2-Dichloropropane	7.17	77	336249	101.89	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	232339	95.29	ug/l	99
28) Bromochloromethane	7.52	49	143550	102.69	ug/l	99
29) Tetrahydrofuran	7.54	42	181348	492.54	ug/l	100
30) Chloroform	7.68	83	400713	105.04	ug/l	100
31) Cyclohexane	7.96	56	379471	96.51	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	372487	107.32	ug/l	100
36) 1,1-Dichloropropene	8.09	75	335643	99.50	ug/l	99
37) Ethyl Acetate	7.26	43	129970	99.69	ug/l	99
38) Carbon Tetrachloride	8.07	117	334562	104.03	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	405363	92.46	ug/l	98
40) Benzene	8.33	78	962417	97.37	ug/l	100
41) Methacrylonitrile	7.49	41	81147	119.31	ug/l	96
42) 1,2-Dichloroethane	8.41	62	280176	112.34	ug/l	99
43) Isopropyl Acetate	8.43	43	263919	108.42	ug/l	100
44) Trichloroethene	9.10	130	247720	92.30	ug/l	96
45) 1,2-Dichloropropane	9.37	63	228465	96.20	ug/l	98
46) Dibromomethane	9.46	93	107364	91.65	ug/l	97
47) Bromodichloromethane	9.65	83	300090	103.21	ug/l	98
48) Methyl methacrylate	9.44	41	139599	111.30	ug/l	95
49) 1,4-Dioxane	9.49	88	38513	1810.81	ug/l #	95
51) 4-Methyl-2-Pentanone	10.22	43	686055	507.54	ug/l	99
52) Toluene	10.40	92	656004	91.82	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	319446	103.00	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	359160	97.68	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	161149	87.76	ug/l	96
56) Ethyl methacrylate	10.65	69	228908	98.00	ug/l	99
57) 1,3-Dichloropropane	10.94	76	287482	93.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	523221	512.99	ug/l	100
59) 2-Hexanone	10.98	43	477397	491.89	ug/l	99
60) Dibromochloromethane	11.13	129	203411	98.43	ug/l	100
61) 1,2-Dibromoethane	11.24	107	149209	88.69	ug/l	100
64) Tetrachloroethene	10.87	164	255591	99.32	ug/l	97
65) Chlorobenzene	11.66	112	697808	92.29	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	227261	99.45	ug/l	99
67) Ethyl Benzene	11.74	91	1299473	98.41	ug/l	99
68) m/p-Xylenes	11.85	106	981685	185.54	ug/l	100
69) o-Xylene	12.17	106	464949	94.64	ug/l	100
70) Styrene	12.19	104	779756	96.96	ug/l	100
71) Bromoform	12.35	173	121628	98.56	ug/l #	99
73) Isopropylbenzene	12.47	105	1285756	104.74	ug/l	100
74) N-amyl acetate	12.28	43	274520	115.14	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	175037	95.32	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	129944m	96.85	ug/l	
77) Bromobenzene	12.76	156	287262	98.89	ug/l	99
78) n-propylbenzene	12.81	91	1527887	102.89	ug/l	99
79) 2-Chlorotoluene	12.90	91	888873	104.20	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1104822	104.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	56644	99.62	ug/l	97
82) 4-Chlorotoluene	12.99	91	922433	102.65	ug/l	100
83) tert-Butylbenzene	13.21	119	927777	101.15	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1116738	104.59	ug/l	99
85) sec-Butylbenzene	13.39	105	1316828	100.02	ug/l	100
86) p-Isopropyltoluene	13.51	119	1190182	101.91	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	571144	94.23	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	556330	92.87	ug/l	99
89) n-Butylbenzene	13.83	91	1105514	100.71	ug/l	100
90) Hexachloroethane	14.10	117	200381	105.93	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	495515	92.53	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	31861	102.07	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	341078	90.55	ug/l	99
94) Hexachlorobutadiene	15.24	225	217145	90.06	ug/l	100
95) Naphthalene	15.38	128	621692	101.95	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	300530	92.90	ug/l	99

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

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