

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080618\
 Data File : VW004481.D
 Acq On : 06 Aug 2018 20:27
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 8/7/2018 4:49:12 PM

Quant Time: Aug 07 08:15:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:40:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	788984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1242635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1148242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	593936	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	845413	105.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.08%	
35) Dibromofluoromethane	7.88	113	801484	101.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.34%	
50) Toluene-d8	10.33	98	3116458	100.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.30%	
62) 4-Bromofluorobenzene	12.62	95	1148879	103.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	505009	157.94	ug/l	99
3) Chloromethane	2.22	50	767994	152.23	ug/l	100
4) Vinyl Chloride	2.37	62	988489	121.05	ug/l	99
5) Bromomethane	2.78	94	593746	113.03	ug/l	98
6) Chloroethane	2.92	64	620339	121.58	ug/l	99
7) Trichlorofluoromethane	3.25	101	402428	89.32	ug/l	98
8) Diethyl Ether	3.67	74	479862	113.04	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	826180	103.00	ug/l	99
10) Methyl Iodide	4.26	142	1269457	106.28	ug/l	100
11) Tert butyl alcohol	5.21	59	258839	447.47	ug/l	98
12) 1,1-Dichloroethene	4.04	96	841158	105.46	ug/l	97
13) Acrolein	3.89	56	306834	575.53	ug/l	100
14) Allyl chloride	4.66	41	1340591	106.10	ug/l	99
15) Acrylonitrile	5.37	53	1102582	595.89	ug/l	99
16) Acetone	4.14	43	1007803	548.61	ug/l	99
17) Carbon Disulfide	4.37	76	2709349	109.79	ug/l	99
18) Methyl Acetate	4.67	43	540712	112.59	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	1237013	90.20	ug/l	97
20) Methylene Chloride	4.91	84	952228	107.28	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	926387	108.13	ug/l	98
22) Diisopropyl ether	6.31	45	2775354	114.51	ug/l	99
23) Vinyl Acetate	6.26	43	8756162	617.29	ug/l	99
24) 1,1-Dichloroethane	6.21	63	1684260	107.54	ug/l	99
25) 2-Butanone	7.18	43	1791516	750.26	ug/l	100
26) 2,2-Dichloropropane	7.17	77	819929	92.68	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	1014096	115.65	ug/l	100
28) Bromochloromethane	7.51	49	745274	130.81	ug/l	100
29) Tetrahydrofuran	7.54	42	966171	658.04	ug/l	100
30) Chloroform	7.68	83	1622001	108.67	ug/l	99
31) Cyclohexane	7.96	56	1592609	114.58	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	1224791	101.38	ug/l	99
36) 1,1-Dichloropropene	8.09	75	1333665	106.07	ug/l	100
37) Ethyl Acetate	7.26	43	633292	121.51	ug/l	99
38) Carbon Tetrachloride	8.07	117	1179272	96.14	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1740248	113.91	ug/l	99
40) Benzene	8.32	78	3860907	108.66	ug/l	100
41) Methacrylonitrile	7.49	41	370929	124.37	ug/l	99
42) 1,2-Dichloroethane	8.40	62	1058514	104.77	ug/l	100
43) Isopropyl Acetate	8.43	43	1182210	126.32	ug/l	99
44) Trichloroethene	9.09	130	956582	100.81	ug/l	99
45) 1,2-Dichloropropane	9.37	63	983992	111.57	ug/l	98
46) Dibromomethane	9.46	93	493776	109.36	ug/l	100
47) Bromodichloromethane	9.65	83	1169649	103.47	ug/l	98
48) Methyl methacrylate	9.44	41	568686	120.28	ug/l	98
49) 1,4-Dioxane	9.47	88	162930	2374.66	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	4040562	741.48	ug/l	99
52) Toluene	10.39	92	2306459	104.13	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	1246691	110.12	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	1433845	108.55	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	700496	109.24	ug/l	98
56) Ethyl methacrylate	10.65	69	974449	125.02	ug/l	100
57) 1,3-Dichloropropane	10.94	76	1233011	112.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	2391143	670.30	ug/l	100
59) 2-Hexanone	10.98	43	2743886	735.76	ug/l	99
60) Dibromochloromethane	11.13	129	793089	104.18	ug/l	99
61) 1,2-Dibromoethane	11.24	107	666035	108.72	ug/l	100
64) Tetrachloroethene	10.87	164	799586	95.70	ug/l	97
65) Chlorobenzene	11.66	112	2528537	104.56	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	875058	102.48	ug/l	99
67) Ethyl Benzene	11.74	91	4519485	106.78	ug/l	98
68) m/p-Xylenes	11.85	106	3453127	212.61	ug/l	98
69) o-Xylene	12.17	106	1654459	110.16	ug/l	100
70) Styrene	12.19	104	2783607	109.28	ug/l	100
71) Bromoform	12.35	173	494173	103.51	ug/l #	99
73) Isopropylbenzene	12.47	105	4485678	108.27	ug/l	100
74) N-amyl acetate	12.28	43	1140841	125.35	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	874362	117.75	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	609907m	113.63	ug/l	
77) Bromobenzene	12.75	156	1033502	103.68	ug/l	100
78) n-propylbenzene	12.81	91	5407805	107.37	ug/l	100
79) 2-Chlorotoluene	12.90	91	3080912	106.76	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	3746167	105.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	286305	120.97	ug/l	97
82) 4-Chlorotoluene	12.99	91	3164600	103.06	ug/l	99
83) tert-Butylbenzene	13.21	119	3218692	108.50	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	3856884	105.77	ug/l	100
85) sec-Butylbenzene	13.39	105	4729080	109.00	ug/l	100
86) p-Isopropyltoluene	13.51	119	4123357	106.15	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	2047646	102.06	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	2016962	100.81	ug/l	100
89) n-Butylbenzene	13.83	91	4042724	110.40	ug/l	99
90) Hexachloroethane	14.10	117	742081	106.85	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	1866738	103.77	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	144871	112.69	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	1333663	105.72	ug/l	100
94) Hexachlorobutadiene	15.25	225	747207	97.44	ug/l	100
95) Naphthalene	15.38	128	2727306	123.39	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	1197074	107.68	ug/l	99

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

