

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007704.D
 Acq On : 19 Dec 2018 16:11
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:19:48 AM

Quant Time: Dec 20 06:30:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 05:57:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	73903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	118410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53249	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116781	144.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.34%	
35) Dibromofluoromethane	7.88	113	105548	146.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.24%	
50) Toluene-d8	10.32	98	393717	144.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.16%	
62) 4-Bromofluorobenzene	12.62	95	149603	142.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	92554	140.875	ug/l	99
3) Chloromethane	2.22	50	59994	148.710	ug/l	96
4) Vinyl Chloride	2.37	62	72692	141.548	ug/l	95
5) Bromomethane	2.78	94	52168	145.847	ug/l	96
6) Chloroethane	2.92	64	40894	148.844	ug/l	99
7) Trichlorofluoromethane	3.26	101	85406	159.740	ug/l	97
8) Diethyl Ether	3.68	74	45628	139.331	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	107835	138.703	ug/l	99
10) Methyl Iodide	4.26	142	174332	139.219	ug/l	100
11) Tert butyl alcohol	5.18	59	37240	681.532	ug/l	99
12) 1,1-Dichloroethene	4.03	96	103490	141.934	ug/l	96
13) Acrolein	3.89	56	27752	635.215	ug/l	99
14) Allyl chloride	4.66	41	133948	140.088	ug/l	100
15) Acrylonitrile	5.37	53	98551	705.486	ug/l	100
16) Acetone	4.12	43	95762	631.333	ug/l	97
17) Carbon Disulfide	4.37	76	311441	138.028	ug/l	99
18) Methyl Acetate	4.67	43	52154	144.578	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	140230	133.963	ug/l	97
20) Methylene Chloride	4.91	84	100288	109.699	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	109836	136.967	ug/l	95
22) Diisopropyl ether	6.31	45	248945	139.045	ug/l	99
23) Vinyl Acetate	6.25	43	760784	715.206	ug/l	100
24) 1,1-Dichloroethane	6.21	63	179950	136.624	ug/l	98
25) 2-Butanone	7.17	43	119203	670.946	ug/l	98
26) 2,2-Dichloropropane	7.16	77	125229	129.930	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	117791	137.870	ug/l	99
28) Bromochloromethane	7.51	49	65274	145.351	ug/l	100
29) Tetrahydrofuran	7.53	42	74994	707.665	ug/l	99
30) Chloroform	7.68	83	204967	137.509	ug/l	98
31) Cyclohexane	7.95	56	157151	130.330	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	186454	137.347	ug/l	100
36) 1,1-Dichloropropene	8.08	75	156033	136.528	ug/l	99
37) Ethyl Acetate	7.25	43	54025	136.973	ug/l	97
38) Carbon Tetrachloride	8.07	117	187130	139.032	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	196264	138.201	ug/l	100
40) Benzene	8.32	78	413250	135.504	ug/l	99
41) Methacrylonitrile	7.48	41	31884	142.382	ug/l	95
42) 1,2-Dichloroethane	8.40	62	141594	138.542	ug/l	100
43) Isopropyl Acetate	8.43	43	110814	140.235	ug/l	99
44) Trichloroethene	9.09	130	125641	136.228	ug/l	99
45) 1,2-Dichloropropane	9.37	63	92904	137.289	ug/l	98
46) Dibromomethane	9.46	93	57583	138.235	ug/l	98
47) Bromodichloromethane	9.65	83	152666	139.407	ug/l	99
48) Methyl methacrylate	9.44	41	56750	143.878	ug/l	97
49) 1,4-Dioxane	9.45	88	19494	2951.675	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	258358	691.819	ug/l	99
52) Toluene	10.39	92	276728	135.243	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	155439	142.701	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	168683	140.199	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	78136	136.062	ug/l	98
56) Ethyl methacrylate	10.65	69	99167	146.156	ug/l	99
57) 1,3-Dichloropropane	10.93	76	132038	138.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	199911	645.324	ug/l	100
59) 2-Hexanone	10.97	43	183972	700.487	ug/l	100
60) Dibromochloromethane	11.13	129	107188	140.969	ug/l	99
61) 1,2-Dibromoethane	11.24	107	81116	139.485	ug/l	99
64) Tetrachloroethene	10.87	164	104885	135.863	ug/l	98
65) Chlorobenzene	11.66	112	314989	133.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	114171	135.412	ug/l	100
67) Ethyl Benzene	11.73	91	551150	136.116	ug/l	97
68) m/p-Xylenes	11.84	106	419113	266.829	ug/l	99
69) o-Xylene	12.17	106	199606	135.570	ug/l	98
70) Styrene	12.18	104	329912	136.314	ug/l	100
71) Bromoform	12.35	173	61712	140.995	ug/l #	99
73) Isopropylbenzene	12.47	105	567778	141.062	ug/l	99
74) N-amyl acetate	12.27	43	103428	148.349	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	84575	140.144	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	52773m	65.467	ug/l	
77) Bromobenzene	12.75	156	126399	137.027	ug/l	99
78) n-propylbenzene	12.81	91	654140	139.613	ug/l	100
79) 2-Chlorotoluene	12.90	91	380023	139.230	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	484006	139.408	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28988	147.845	ug/l	96
82) 4-Chlorotoluene	12.99	91	403447	138.821	ug/l	99
83) tert-Butylbenzene	13.21	119	423501	139.021	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	481201	137.356	ug/l	100
85) sec-Butylbenzene	13.39	105	577896	137.648	ug/l	100
86) p-Isopropyltoluene	13.51	119	517911	135.663	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	241117	131.652	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	245724	134.128	ug/l	99
89) n-Butylbenzene	13.83	91	481263	137.492	ug/l	100
90) Hexachloroethane	14.10	117	93421	139.387	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	218845	133.459	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17512	141.300	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	155586	136.687	ug/l	98
94) Hexachlorobutadiene	15.24	225	82365	135.400	ug/l	99
95) Naphthalene	15.37	128	303831	144.375	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	134129	137.659	ug/l	99

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

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