

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007176.D
 Acq On : 04 Dec 2018 02:35
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:43:18 PM

Quant Time: Dec 04 04:05:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 03:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	183846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	170179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83592	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	178775	163.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.46%	
35) Dibromofluoromethane	7.88	113	173243	167.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	335.22%	
50) Toluene-d8	10.32	98	668033	147.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.68%	
62) 4-Bromofluorobenzene	12.62	95	255534	143.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	147555	135.029	ug/l	98
3) Chloromethane	2.21	50	218262	214.498	ug/l	99
4) Vinyl Chloride	2.35	62	125496	140.462	ug/l	95
5) Bromomethane	2.72	94	54104	118.645	ug/l	98
6) Chloroethane	2.89	64	73083	148.139	ug/l	96
7) Trichlorofluoromethane	3.24	101	273833	154.707	ug/l	95
8) Diethyl Ether	3.68	74	90381	157.744	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	165389	144.483	ug/l	99
10) Methyl Iodide	4.26	142	144544	121.037	ug/l	99
11) Tert butyl alcohol	5.17	59	79548	1043.118	ug/l	98
12) 1,1-Dichloroethene	4.03	96	159927	158.146	ug/l	95
13) Acrolein	3.89	56	60224	814.932	ug/l	98
14) Allyl chloride	4.67	41	269329	160.314	ug/l	99
15) Acrylonitrile	5.36	53	186507	859.580	ug/l	100
16) Acetone	4.12	43	162605	982.213	ug/l	99
17) Carbon Disulfide	4.37	76	531047	160.843	ug/l	99
18) Methyl Acetate	4.67	43	98417	172.275	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	425468	161.930	ug/l	97
20) Methylene Chloride	4.91	84	180017	114.574	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	185493	157.063	ug/l	97
22) Diisopropyl ether	6.31	45	486794	149.543	ug/l	99
23) Vinyl Acetate	6.26	43	1385097	802.711	ug/l	98
24) 1,1-Dichloroethane	6.21	63	315079	158.653	ug/l	98
25) 2-Butanone	7.17	43	234030	858.285	ug/l	100
26) 2,2-Dichloropropane	7.16	77	261293	146.950	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	208433	165.236	ug/l	99
28) Bromochloromethane	7.51	49	119128	161.006	ug/l #	100
29) Tetrahydrofuran	7.52	42	154270	875.094	ug/l	100
30) Chloroform	7.67	83	336725	159.438	ug/l	97
31) Cyclohexane	7.95	56	267718	128.899	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	292334	153.898	ug/l	100
36) 1,1-Dichloropropene	8.08	75	241837	136.574	ug/l	100
37) Ethyl Acetate	7.25	43	103642	159.750	ug/l	99
38) Carbon Tetrachloride	8.07	117	250183	146.776	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	307860	138.792	ug/l	94
40) Benzene	8.32	78	688421	143.082	ug/l	99
41) Methacrylonitrile	7.49	41	63709	156.622	ug/l	91
42) 1,2-Dichloroethane	8.40	62	216885	155.398	ug/l	99
43) Isopropyl Acetate	8.43	43	205446	165.264	ug/l	99
44) Trichloroethene	9.09	130	195415	144.801	ug/l	99
45) 1,2-Dichloropropane	9.37	63	169182	143.436	ug/l	99
46) Dibromomethane	9.46	93	96401	161.127	ug/l	100
47) Bromodichloromethane	9.65	83	242315	154.527	ug/l	100
48) Methyl methacrylate	9.44	41	100863	168.877	ug/l	95
49) 1,4-Dioxane	9.45	88	30022	3296.823	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	483462	773.954	ug/l	100
52) Toluene	10.39	92	470471	143.689	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	241056	158.284	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	275463	150.959	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	130326	148.941	ug/l	97
56) Ethyl methacrylate	10.65	69	175565	170.353	ug/l	99
57) 1,3-Dichloropropane	10.93	76	222347	151.561	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	353158	677.219	ug/l	99
59) 2-Hexanone	10.97	43	334044	783.287	ug/l	98
60) Dibromochloromethane	11.13	129	162283	161.526	ug/l	99
61) 1,2-Dibromoethane	11.24	107	128437	158.929	ug/l	99
64) Tetrachloroethene	10.87	164	172961	156.570	ug/l	96
65) Chlorobenzene	11.66	112	516097	145.822	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	169275	156.032	ug/l	98
67) Ethyl Benzene	11.73	91	912794	140.654	ug/l	96
68) m/p-Xylenes	11.84	106	706203	277.167	ug/l	95
69) o-Xylene	12.17	106	349238	145.455	ug/l	95
70) Styrene	12.18	104	562621	146.750	ug/l	98
71) Bromoform	12.35	173	90161	174.746	ug/l	# 96
73) Isopropylbenzene	12.47	105	956101	148.922	ug/l	99
74) N-amyl acetate	12.27	43	171822	156.776	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	134067	154.798	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	108699m	160.407	ug/l	
77) Bromobenzene	12.75	156	210027	151.921	ug/l	94
78) n-propylbenzene	12.81	91	1115706	143.811	ug/l	98
79) 2-Chlorotoluene	12.90	91	622260	138.854	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	800617	144.222	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45902	173.895	ug/l	99
82) 4-Chlorotoluene	12.99	91	672346	143.144	ug/l	100
83) tert-Butylbenzene	13.21	119	673057	139.811	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	814377	147.060	ug/l	99
85) sec-Butylbenzene	13.39	105	981290	144.748	ug/l	100
86) p-Isopropyltoluene	13.51	119	859745	143.574	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	414183	147.117	ug/l	96
88) 1,4-Dichlorobenzene	13.58	146	400060	141.751	ug/l	99
89) n-Butylbenzene	13.83	91	805661	143.224	ug/l	96
90) Hexachloroethane	14.10	117	143374	161.965	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	366875	148.181	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25777	173.150	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	251103	152.716	ug/l	99
94) Hexachlorobutadiene	15.24	225	121612	137.935	ug/l	99
95) Naphthalene	15.38	128	486656	162.445	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	208236	152.694	ug/l	99

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

