

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111718\
 Data File : VW006934.D
 Acq On : 17 Nov 2018 01:00
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 11/19/2018 3:29:30 PM

Quant Time: Nov 17 04:32:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 01:21:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	184983	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	82115	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	114784	128.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	257.94%	
35) Dibromofluoromethane	7.89	113	107611	96.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.92%	
50) Toluene-d8	10.33	98	456660	98.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.38%	
62) 4-Bromofluorobenzene	12.62	95	173635	100.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.76%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.00	85	94548	100.75	ug/l	99
3) Chloromethane	2.21	50	86216	84.60	ug/l	96
4) Vinyl Chloride	2.36	62	83757	78.23	ug/l	97
5) Bromomethane	2.78	94	40583	58.09	ug/l	99
6) Chloroethane	2.92	64	46503	67.92	ug/l	91
7) Trichlorofluoromethane	3.26	101	163391	108.41	ug/l	100
8) Diethyl Ether	3.69	74	56975	123.45	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	99152	97.65	ug/l	98
10) Methyl Iodide	4.28	142	140756	102.10	ug/l	99
11) Tert butyl alcohol	5.21	59	40381	693.26	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	95757	110.47	ug/l	98
13) Acrolein	3.90	56	42325	695.57	ug/l	99
14) Allyl chloride	4.68	41	171624	141.34	ug/l	98
15) Acrylonitrile	5.38	53	119289	677.51	ug/l	98
16) Acetone	4.15	43	87987	685.08	ug/l	97
17) Carbon Disulfide	4.38	76	315199	115.01	ug/l	97
18) Methyl Acetate	4.68	43	60715	137.72	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	274362	127.81	ug/l	100
20) Methylene Chloride	4.93	84	119503	89.20	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	112212	109.65	ug/l	96
22) Diisopropyl ether	6.32	45	338422	135.30	ug/l	99
23) Vinyl Acetate	6.26	43	941390	668.34	ug/l	100
24) 1,1-Dichloroethane	6.23	63	201319	124.94	ug/l	99
25) 2-Butanone	7.18	43	140178	649.85	ug/l	99
26) 2,2-Dichloropropane	7.17	77	161604	102.76	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	127765	116.23	ug/l	99
28) Bromochloromethane	7.52	49	71112	125.34	ug/l #	99
29) Tetrahydrofuran	7.54	42	93382	676.24	ug/l	99
30) Chloroform	7.68	83	208265	119.24	ug/l	98
31) Cyclohexane	7.96	56	173933	106.66	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	179851	108.47	ug/l	99
36) 1,1-Dichloropropene	8.09	75	159430	91.99	ug/l	98
37) Ethyl Acetate	7.26	43	65065	109.91	ug/l	100
38) Carbon Tetrachloride	8.07	117	155644	84.05	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199938	89.97	ug/l	99
40) Benzene	8.33	78	468167	96.69	ug/l	100
41) Methacrylonitrile	7.49	41	38775	106.16	ug/l	92
42) 1,2-Dichloroethane	8.40	62	134121	101.81	ug/l	100
43) Isopropyl Acetate	8.43	43	134744	116.86	ug/l	99
44) Trichloroethene	9.10	130	124492	83.46	ug/l	98
45) 1,2-Dichloropropane	9.37	63	115165	100.88	ug/l	99
46) Dibromomethane	9.46	93	58057	92.74	ug/l	99
47) Bromodichloromethane	9.65	83	152051	97.14	ug/l	98
48) Methyl methacrylate	9.44	41	64550	115.08	ug/l	97
49) 1,4-Dioxane	9.47	88	17805	1874.55	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	318663	553.12	ug/l	99
52) Toluene	10.39	92	309686	91.16	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	160546	104.15	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	185049	101.16	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	85525	92.04	ug/l	97
56) Ethyl methacrylate	10.65	69	112797	108.70	ug/l	97
57) 1,3-Dichloropropane	10.93	76	147658	99.30	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	267095	522.49	ug/l	99
59) 2-Hexanone	10.97	43	219850	556.34	ug/l	99
60) Dibromochloromethane	11.13	129	105039	93.44	ug/l	98
61) 1,2-Dibromoethane	11.24	107	81945	93.29	ug/l	100
64) Tetrachloroethene	10.87	164	105705	79.19	ug/l	99
65) Chlorobenzene	11.66	112	343874	90.46	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	112267	91.27	ug/l	99
67) Ethyl Benzene	11.74	91	622895	95.45	ug/l	98
68) m/p-Xylenes	11.84	106	477428	180.47	ug/l	100
69) o-Xylene	12.17	106	227336	92.10	ug/l	100
70) Styrene	12.18	104	371939	93.93	ug/l	99
71) Bromoform	12.35	173	54367	82.97	ug/l #	100
73) Isopropylbenzene	12.47	105	618992	106.38	ug/l	100
74) N-amyl acetate	12.28	43	125474	134.48	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	89147	109.79	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	59236m	95.58	ug/l	
77) Bromobenzene	12.75	156	132161	92.34	ug/l	99
78) n-propylbenzene	12.81	91	739347	107.35	ug/l	100
79) 2-Chlorotoluene	12.90	91	432696	111.13	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	536194	107.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28790	116.17	ug/l	98
82) 4-Chlorotoluene	12.99	91	455430	109.74	ug/l	100
83) tert-Butylbenzene	13.21	119	450361	102.71	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	540304	106.35	ug/l	99
85) sec-Butylbenzene	13.39	105	638659	102.61	ug/l	100
86) p-Isopropyltoluene	13.51	119	559308	99.52	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	261183	89.87	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	261721	90.91	ug/l	100
89) n-Butylbenzene	13.83	91	542940	104.81	ug/l	99
90) Hexachloroethane	14.10	117	95994	106.19	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	233044	91.69	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16013	119.88	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	152794	81.77	ug/l	100
94) Hexachlorobutadiene	15.24	225	77571	67.26	ug/l	100
95) Naphthalene	15.38	128	305218	104.80	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	131270	81.82	ug/l	99

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

