

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007375.D
 Acq On : 11 Dec 2018 00:57
 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

MMDadoda
 12/11/2018 4:55:50 PM

Quant Time: Dec 11 02:00:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 01:34:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	148086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	118597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	57146	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	90979	107.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.32%	
35) Dibromofluoromethane	7.88	113	86264	100.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.20%	
50) Toluene-d8	10.32	98	328865	89.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.14%	
62) 4-Bromofluorobenzene	12.62	95	111309	80.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55409	61.712	ug/l	99
3) Chloromethane	2.22	50	50045	45.623	ug/l	99
4) Vinyl Chloride	2.37	62	59677	82.155	ug/l	98
5) Bromomethane	2.78	94	40248	105.852	ug/l	93
6) Chloroethane	2.93	64	33015	80.623	ug/l	97
7) Trichlorofluoromethane	3.26	101	56169	42.396	ug/l	96
8) Diethyl Ether	3.68	74	39848	95.714	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	85650	96.018	ug/l	98
10) Methyl Iodide	4.26	142	146063	165.612	ug/l	99
11) Tert butyl alcohol	5.17	59	31297	336.015	ug/l	97
12) 1,1-Dichloroethene	4.03	96	84012	99.873	ug/l	96
13) Acrolein	3.89	56	18431	337.492	ug/l	98
14) Allyl chloride	4.66	41	125103	94.335	ug/l	98
15) Acrylonitrile	5.37	53	85240	497.274	ug/l	98
16) Acetone	4.12	43	77938	423.136	ug/l	95
17) Carbon Disulfide	4.37	76	256835	94.597	ug/l	99
18) Methyl Acetate	4.67	43	41643	94.222	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	124799	67.513	ug/l	98
20) Methylene Chloride	4.91	84	87613	77.025	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	93917	100.007	ug/l	99
22) Diisopropyl ether	6.31	45	237434	98.976	ug/l	96
23) Vinyl Acetate	6.26	43	683110	519.528	ug/l	98
24) 1,1-Dichloroethane	6.21	63	158327	101.538	ug/l	99
25) 2-Butanone	7.17	43	106090	479.818	ug/l	100
26) 2,2-Dichloropropane	7.17	77	101945	72.007	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	102434	101.184	ug/l	98
28) Bromochloromethane	7.51	49	57084	100.028	ug/l #	99
29) Tetrahydrofuran	7.53	42	68138	493.177	ug/l	99
30) Chloroform	7.67	83	172736	105.553	ug/l	100
31) Cyclohexane	7.95	56	137970	86.941	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	154256	101.995	ug/l	100
36) 1,1-Dichloropropene	8.08	75	131509	92.734	ug/l	99
37) Ethyl Acetate	7.25	43	47961	93.443	ug/l	98
38) Carbon Tetrachloride	8.07	117	147601	100.347	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	163151	86.889	ug/l	93
40) Benzene	8.32	78	368093	93.971	ug/l	100
41) Methacrylonitrile	7.48	41	29076	94.947	ug/l	98
42) 1,2-Dichloroethane	8.40	62	114811	102.416	ug/l	99
43) Isopropyl Acetate	8.43	43	97154	96.632	ug/l	99
44) Trichloroethene	9.09	130	105228	95.933	ug/l	96
45) 1,2-Dichloropropane	9.37	63	85562	93.769	ug/l	99
46) Dibromomethane	9.46	93	48696	101.226	ug/l	96
47) Bromodichloromethane	9.65	83	128889	101.761	ug/l	94
48) Methyl methacrylate	9.44	41	48131	93.120	ug/l	95
49) 1,4-Dioxane	9.45	88	16445	1988.040	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	236134	482.687	ug/l	98
52) Toluene	10.39	92	236567	87.645	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	125352	99.792	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	147373	100.326	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	64747	95.398	ug/l	96
56) Ethyl methacrylate	10.65	69	78458	90.275	ug/l	98
57) 1,3-Dichloropropane	10.93	76	108687	95.502	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	193110	529.061	ug/l	100
59) 2-Hexanone	10.97	43	148325	425.696	ug/l	96
60) Dibromochloromethane	11.13	129	81057	96.622	ug/l	96
61) 1,2-Dibromoethane	11.24	107	65638	101.504	ug/l	91
64) Tetrachloroethene	10.87	164	86814	101.909	ug/l	92
65) Chlorobenzene	11.66	112	257220	99.157	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	88157	107.652	ug/l	98
67) Ethyl Benzene	11.73	91	433372	91.848	ug/l	91
68) m/p-Xylenes	11.84	106	334516	181.839	ug/l	96
69) o-Xylene	12.17	106	157774	91.044	ug/l	92
70) Styrene	12.18	104	262445	93.237	ug/l	98
71) Bromoform	12.35	173	45705	111.788	ug/l #	98
73) Isopropylbenzene	12.47	105	466986	102.169	ug/l	99
74) N-amyl acetate	12.28	43	87658	108.842	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	63942	104.324	ug/l	90
76) 1,2,3-Trichloropropane	12.77	75	53039m	113.854	ug/l	
77) Bromobenzene	12.74	156	101345	100.993	ug/l	94
78) n-propylbenzene	12.81	91	498340	90.783	ug/l	95
79) 2-Chlorotoluene	12.90	91	317388	101.914	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	367986	94.024	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	21393	105.567	ug/l	98
82) 4-Chlorotoluene	12.99	91	325706	98.285	ug/l	99
83) tert-Butylbenzene	13.21	119	330292	95.597	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	379358	94.721	ug/l	99
85) sec-Butylbenzene	13.39	105	473933	97.313	ug/l	93
86) p-Isopropyltoluene	13.51	119	404998	92.467	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	187065	91.192	ug/l	94
88) 1,4-Dichlorobenzene	13.58	146	200766	97.869	ug/l	95
89) n-Butylbenzene	13.83	91	385317	94.687	ug/l	99
90) Hexachloroethane	14.10	117	76457	113.341	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	169566	96.215	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12952	109.171	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	123896	101.422	ug/l	95
94) Hexachlorobutadiene	15.24	225	65182	98.734	ug/l	98
95) Naphthalene	15.38	128	237560	106.871	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	105678	101.041	ug/l	97

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

