

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008765.D
 Acq On : 21 Feb 2019 11:47
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 2/22/2019 12:25:10 PM

Quant Time: Feb 22 00:32:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:19:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	334944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	488695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	458774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	247576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	63127	20.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.18%	
35) Dibromofluoromethane	7.88	113	58480	19.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.86%	
50) Toluene-d8	10.32	98	217419	19.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.40%	
62) 4-Bromofluorobenzene	12.62	95	86964	19.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	66165	19.723	ug/l	98
3) Chloromethane	2.21	50	84246	20.630	ug/l	95
4) Vinyl Chloride	2.35	62	86911	20.101	ug/l	98
5) Bromomethane	2.75	94	69665	21.693	ug/l	97
6) Chloroethane	2.91	64	61699	20.096	ug/l	99
7) Trichlorofluoromethane	3.26	101	118602	21.689	ug/l	93
8) Diethyl Ether	3.68	74	37758	21.810	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	72328	21.781	ug/l	99
10) Methyl Iodide	4.26	142	85409	20.568	ug/l	99
11) Tert butyl alcohol	5.19	59	30734	112.645	ug/l	100
12) 1,1-Dichloroethene	4.03	96	62086	21.171	ug/l	95
13) Acrolein	3.90	56	23833	90.115	ug/l	97
14) Allyl chloride	4.67	41	107647	21.268	ug/l	98
15) Acrylonitrile	5.37	53	80167	107.899	ug/l	98
16) Acetone	4.13	43	76069	104.466	ug/l	100
17) Carbon Disulfide	4.38	76	199190	20.471	ug/l	100
18) Methyl Acetate	4.68	43	36315	21.026	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	178101	22.437	ug/l	94
20) Methylene Chloride	4.92	84	90905	21.174	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	72741	21.443	ug/l	89
22) Diisopropyl ether	6.32	45	221635	21.951	ug/l	97
23) Vinyl Acetate	6.26	43	697298	111.776	ug/l	98
24) 1,1-Dichloroethane	6.22	63	125868	21.513	ug/l	99
25) 2-Butanone	7.18	43	110245	108.293	ug/l	99
26) 2,2-Dichloropropane	7.16	77	112227	21.128	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	78855	21.731	ug/l	98
28) Bromochloromethane	7.51	49	52138	21.295	ug/l	99
29) Tetrahydrofuran	7.53	42	69888	107.726	ug/l	97
30) Chloroform	7.67	83	129625	21.596	ug/l	96
31) Cyclohexane	7.95	56	128352	21.672	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	118688	21.744	ug/l	99
36) 1,1-Dichloropropene	8.08	75	103874	21.835	ug/l	97
37) Ethyl Acetate	7.26	43	49868	22.542	ug/l	98
38) Carbon Tetrachloride	8.07	117	108232	21.574	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	125347	21.125	ug/l	98
40) Benzene	8.32	78	280483	21.595	ug/l	97
41) Methacrylonitrile	7.49	41	25894	19.913	ug/l	93
42) 1,2-Dichloroethane	8.40	62	90232	21.930	ug/l	99
43) Isopropyl Acetate	8.43	43	96247	21.800	ug/l	99
44) Trichloroethene	9.09	130	79363	21.690	ug/l	99
45) 1,2-Dichloropropane	9.37	63	71621	22.314	ug/l	97
46) Dibromomethane	9.46	93	39043	21.869	ug/l	99
47) Bromodichloromethane	9.64	83	94529	21.762	ug/l	97
48) Methyl methacrylate	9.44	41	44886	21.227	ug/l	97
49) 1,4-Dioxane	9.46	88	10905	381.424	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	234424	104.582	ug/l	99
52) Toluene	10.39	92	183596	20.828	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	97044	21.919	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	112938	22.366	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	54201	22.386	ug/l	96
56) Ethyl methacrylate	10.65	69	65443	20.804	ug/l	99
57) 1,3-Dichloropropane	10.93	76	94400	22.083	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	179421	113.409	ug/l	100
59) 2-Hexanone	10.97	43	166772	104.519	ug/l	100
60) Dibromochloromethane	11.13	129	65792	22.278	ug/l	99
61) 1,2-Dibromoethane	11.23	107	52471	21.894	ug/l	99
64) Tetrachloroethene	10.87	164	70703	21.530	ug/l	98
65) Chlorobenzene	11.66	112	206125	21.367	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	70919	21.742	ug/l	97
67) Ethyl Benzene	11.73	91	362075	20.996	ug/l	100
68) m/p-Xylenes	11.84	106	290257	42.126	ug/l	99
69) o-Xylene	12.16	106	135909	21.015	ug/l	98
70) Styrene	12.18	104	216019	20.762	ug/l	100
71) Bromoform	12.35	173	37791	21.554	ug/l #	98
73) Isopropylbenzene	12.47	105	366574	21.598	ug/l	100
74) N-amyl acetate	12.27	43	86766	20.295	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	62891	22.678	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	46177m	21.558	ug/l	
77) Bromobenzene	12.75	156	86619	21.597	ug/l	99
78) n-propylbenzene	12.80	91	440875	21.236	ug/l	99
79) 2-Chlorotoluene	12.90	91	254065	21.554	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	313183	21.234	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	17990	21.396	ug/l	95
82) 4-Chlorotoluene	12.99	91	263322	21.199	ug/l	100
83) tert-Butylbenzene	13.21	119	275591	21.610	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	319912	20.953	ug/l	98
85) sec-Butylbenzene	13.39	105	390105	21.273	ug/l	100
86) p-Isopropyltoluene	13.50	119	348362	20.722	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	177015	21.272	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	176162	21.480	ug/l	98
89) n-Butylbenzene	13.83	91	323664	20.551	ug/l	99
90) Hexachloroethane	14.10	117	58383	21.215	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	158302	21.350	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10453	20.837	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	111043	20.786	ug/l	99
94) Hexachlorobutadiene	15.24	225	65565	20.836	ug/l	99
95) Naphthalene	15.37	128	191061	21.005	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	96289	20.846	ug/l	99

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

