

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032919\
 Data File : VW009566.D
 Acq On : 29 Mar 2019 10:48
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:04:45 AM

Quant Time: Mar 29 13:23:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:10:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	297787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	459201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	426347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	230826	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	66420	19.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.44%	
35) Dibromofluoromethane	7.88	113	57021	19.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.34%	
50) Toluene-d8	10.32	98	208789	18.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.32%	
62) 4-Bromofluorobenzene	12.62	95	77120	18.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	43961	25.248	ug/l	94
3) Chloromethane	2.21	50	51367	22.295	ug/l	99
4) Vinyl Chloride	2.37	62	69154	21.867	ug/l	98
5) Bromomethane	2.78	94	54182	22.683	ug/l	88
6) Chloroethane	2.92	64	53462	22.363	ug/l	98
7) Trichlorofluoromethane	3.25	101	45921	20.928	ug/l	100
8) Diethyl Ether	3.67	74	31113	20.070	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	65085	22.214	ug/l	99
10) Methyl Iodide	4.27	142	86698	21.066	ug/l	96
11) Tert butyl alcohol	5.17	59	18791m	98.475	ug/l	
12) 1,1-Dichloroethene	4.04	96	59272	21.322	ug/l	99
13) Acrolein	3.88	56	15006	103.905	ug/l	99
14) Allyl chloride	4.66	41	94040	20.509	ug/l	95
15) Acrylonitrile	5.37	53	68541	99.765	ug/l	99
16) Acetone	4.12	43	73194	95.175	ug/l	92
17) Carbon Disulfide	4.37	76	171441	22.077	ug/l	100
18) Methyl Acetate	4.67	43	32479	18.081	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	81123	20.196	ug/l	97
20) Methylene Chloride	4.90	84	69160	22.793	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	63545	21.270	ug/l	90
22) Diisopropyl ether	6.31	45	200441	20.009	ug/l	98
23) Vinyl Acetate	6.25	43	630871	99.929	ug/l	99
24) 1,1-Dichloroethane	6.21	63	122058	20.796	ug/l	99
25) 2-Butanone	7.17	43	103226	98.590	ug/l	100
26) 2,2-Dichloropropane	7.17	77	70912	21.117	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	67256	20.324	ug/l	95
28) Bromochloromethane	7.51	49	52398	21.156	ug/l #	94
29) Tetrahydrofuran	7.53	42	62725	95.702	ug/l	97
30) Chloroform	7.67	83	126487	20.955	ug/l	97
31) Cyclohexane	7.95	56	112404	21.453	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	103791	21.115	ug/l	96
36) 1,1-Dichloropropene	8.08	75	98267	20.560	ug/l	100
37) Ethyl Acetate	7.25	43	45918	20.452	ug/l	100
38) Carbon Tetrachloride	8.06	117	101140	20.899	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	110181	20.008	ug/l	95
40) Benzene	8.32	78	264099	20.430	ug/l	99
41) Methacrylonitrile	7.48	41	22955	17.185	ug/l	94
42) 1,2-Dichloroethane	8.40	62	91134	21.124	ug/l	98
43) Isopropyl Acetate	8.42	43	85819	19.728	ug/l	99
44) Trichloroethene	9.09	130	69087	20.707	ug/l	98
45) 1,2-Dichloropropane	9.37	63	67483	20.473	ug/l	96
46) Dibromomethane	9.46	93	36964	20.975	ug/l	95
47) Bromodichloromethane	9.65	83	94025	20.479	ug/l	97
48) Methyl methacrylate	9.44	41	38277	17.747	ug/l	96
49) 1,4-Dioxane	9.45	88	10861	398.602	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	230073	96.485	ug/l	98
52) Toluene	10.39	92	165840	20.003	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	87351	19.110	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	98773	19.442	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	48113	20.073	ug/l	89
56) Ethyl methacrylate	10.65	69	55130	17.691	ug/l	95
57) 1,3-Dichloropropane	10.93	76	84648	19.642	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	128499	84.168	ug/l	99
59) 2-Hexanone	10.97	43	157646	92.923	ug/l	100
60) Dibromochloromethane	11.13	129	57987	19.924	ug/l	97
61) 1,2-Dibromoethane	11.23	107	46828	20.243	ug/l	99
64) Tetrachloroethene	10.86	164	59030	20.849	ug/l	99
65) Chlorobenzene	11.66	112	182669	20.504	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	67786	20.710	ug/l	99
67) Ethyl Benzene	11.73	91	320910	19.664	ug/l	99
68) m/p-Xylenes	11.84	106	249998	40.312	ug/l	99
69) o-Xylene	12.17	106	113852	19.570	ug/l	100
70) Styrene	12.18	104	191974	19.531	ug/l	99
71) Bromoform	12.35	173	34334	19.438	ug/l	99
73) Isopropylbenzene	12.46	105	326813	19.169	ug/l	100
74) N-amyl acetate	12.27	43	81595	18.979	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	60527	20.130	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	43547m	19.947	ug/l	
77) Bromobenzene	12.75	156	76890	20.234	ug/l	98
78) n-propylbenzene	12.80	91	404728	19.270	ug/l	99
79) 2-Chlorotoluene	12.90	91	231277	19.597	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	279382	19.364	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	17786	19.020	ug/l	95
82) 4-Chlorotoluene	12.99	91	241382	19.421	ug/l	100
83) tert-Butylbenzene	13.21	119	235623	19.194	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	291772	19.585	ug/l	98
85) sec-Butylbenzene	13.39	105	354189	18.998	ug/l	100
86) p-Isopropyltoluene	13.50	119	313504	19.347	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	157677	20.158	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	156839	20.166	ug/l	99
89) n-Butylbenzene	13.83	91	307016	19.239	ug/l	99
90) Hexachloroethane	14.10	117	59868	19.944	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	141748	20.130	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11012	19.891	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	92509	19.833	ug/l	99
94) Hexachlorobutadiene	15.24	225	58396	20.140	ug/l	99
95) Naphthalene	15.37	128	154191	17.815	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	83515	20.322	ug/l	99

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

