

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032919\
 Data File : VW009567.D
 Acq On : 29 Mar 2019 11:15
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:04:46 AM

Quant Time: Mar 29 13:24:03 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	310959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	478215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	446947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	239446	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	180451	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
35) Dibromofluoromethane	7.88	113	150946	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.32	98	582504	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	12.62	95	217294	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	90909	50.000	ug/l	98
3) Chloromethane	2.21	50	120293	50.000	ug/l	93
4) Vinyl Chloride	2.37	62	165115	50.000	ug/l	95
5) Bromomethane	2.78	94	124717	50.000	ug/l	99
6) Chloroethane	2.93	64	124821	50.000	ug/l	100
7) Trichlorofluoromethane	3.26	101	114566	50.000	ug/l	97
8) Diethyl Ether	3.67	74	80941	50.000	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	152976	50.000	ug/l	99
10) Methyl Iodide	4.27	142	214882	50.000	ug/l	97
11) Tert butyl alcohol	5.17	59	49815	250.000	ug/l	98
12) 1,1-Dichloroethene	4.04	96	145143	50.000	ug/l	97
13) Acrolein	3.89	56	37702	250.000	ug/l	98
14) Allyl chloride	4.66	41	239411	50.000	ug/l	97
15) Acrylonitrile	5.36	53	179354	250.000	ug/l	99
16) Acetone	4.12	43	200766	250.000	ug/l	91
17) Carbon Disulfide	4.37	76	405447	50.000	ug/l	97
18) Methyl Acetate	4.67	43	93787	50.000	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	209720	50.000	ug/l	94
20) Methylene Chloride	4.92	84	158427	50.000	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	155988	50.000	ug/l	93
22) Diisopropyl ether	6.31	45	523040	50.000	ug/l	97
23) Vinyl Acetate	6.25	43	1648114	250.000	ug/l	99
24) 1,1-Dichloroethane	6.21	63	306442	50.000	ug/l	97
25) 2-Butanone	7.17	43	273334	250.000	ug/l	96
26) 2,2-Dichloropropane	7.16	77	175328	50.000	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	172777	50.000	ug/l	96
28) Bromochloromethane	7.51	49	129312	50.000	ug/l #	95
29) Tetrahydrofuran	7.52	42	171103	250.000	ug/l	99
30) Chloroform	7.67	83	315151	50.000	ug/l	98
31) Cyclohexane	7.95	56	273562	50.000	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	256646	50.000	ug/l	97
36) 1,1-Dichloropropene	8.08	75	248872	50.000	ug/l	100
37) Ethyl Acetate	7.25	43	116904	50.000	ug/l	99
38) Carbon Tetrachloride	8.07	117	251989	50.000	ug/l	99

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39) Methylcyclohexane	9.34	83	286739	50.000	ug/l	97
40) Benzene	8.32	78	673100	50.000	ug/l	100
41) Methacrylonitrile	7.48	41	69554	50.000	ug/l	91
42) 1,2-Dichloroethane	8.40	62	224641	50.000	ug/l	98
43) Isopropyl Acetate	8.43	43	226508	50.000	ug/l	100
44) Trichloroethene	9.09	130	173726	50.000	ug/l	94
45) 1,2-Dichloropropane	9.37	63	171630	50.000	ug/l	95
46) Dibromomethane	9.46	93	91762	50.000	ug/l	98
47) Bromodichloromethane	9.64	83	239065	50.000	ug/l	96
48) Methyl methacrylate	9.43	41	112308	50.000	ug/l	97
49) 1,4-Dioxane	9.45	88	28376	1000.000	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	620820	250.000	ug/l	99
52) Toluene	10.38	92	431700	50.000	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	238008	50.000	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	264537	50.000	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	124808	50.000	ug/l	95
56) Ethyl methacrylate	10.65	69	162264	50.000	ug/l	97
57) 1,3-Dichloropropane	10.93	76	224402	50.000	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	397477	250.000	ug/l	98
59) 2-Hexanone	10.97	43	441693	250.000	ug/l	100
60) Dibromochloromethane	11.13	129	151545	50.000	ug/l	98
61) 1,2-Dibromoethane	11.23	107	120453	50.000	ug/l	99
64) Tetrachloroethene	10.86	164	148404	50.000	ug/l	94
65) Chlorobenzene	11.66	112	466969	50.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	171565	50.000	ug/l	99
67) Ethyl Benzene	11.73	91	855423	50.000	ug/l	100
68) m/p-Xylenes	11.84	106	650118	100.000	ug/l	98
69) o-Xylene	12.16	106	304944	50.000	ug/l	99
70) Styrene	12.18	104	515211	50.000	ug/l	100
71) Bromoform	12.35	173	92582	50.000	ug/l #	98
73) Isopropylbenzene	12.46	105	884308	50.000	ug/l	100
74) N-amyl acetate	12.27	43	222994	50.000	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	155958	50.000	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	113232m	50.000	ug/l	
77) Bromobenzene	12.75	156	197096	50.000	ug/l	98
78) n-propylbenzene	12.80	91	1089363	50.000	ug/l	100
79) 2-Chlorotoluene	12.90	91	612108	50.000	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	748333	50.000	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	48501	50.000	ug/l	95
82) 4-Chlorotoluene	12.99	91	644649	50.000	ug/l	99
83) tert-Butylbenzene	13.21	119	636718	50.000	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	772715	50.000	ug/l	98
85) sec-Butylbenzene	13.38	105	966997	50.000	ug/l	99
86) p-Isopropyltoluene	13.50	119	840481	50.000	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	405713	50.000	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	403385	50.000	ug/l	100
89) n-Butylbenzene	13.83	91	827693	50.000	ug/l	99
90) Hexachloroethane	14.10	117	155695	50.000	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	365224	50.000	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	28715	50.000	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	241927	50.000	ug/l	98
94) Hexachlorobutadiene	15.24	225	150387	50.000	ug/l	99
95) Naphthalene	15.37	128	448908	50.000	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	213156	50.000	ug/l	99

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

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