

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016184.D
 Acq On : 14 Aug 2020 10:37
 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
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MMDadoda
 8/17/2020 5:46:26 PM

Quant Time: Aug 14 11:46:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 14 11:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	433895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	395518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	189270	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	49710	18.13	ug/l	0.00
Spiked Amount			Recovery	=	36.26%	
35) Dibromofluoromethane	7.88	113	52003	19.99	ug/l	0.00
Spiked Amount			Recovery	=	39.98%	
50) Toluene-d8	10.33	98	199004	19.88	ug/l	0.00
Spiked Amount			Recovery	=	39.76%	
62) 4-Bromofluorobenzene	12.62	95	71769	19.77	ug/l	0.00
Spiked Amount			Recovery	=	39.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	34828	24.452	ug/l	95
3) Chloromethane	2.21	50	36330	19.264	ug/l	100
4) Vinyl Chloride	2.37	62	53489	18.692	ug/l	96
5) Bromomethane	2.78	94	32863	15.318	ug/l	97
6) Chloroethane	2.92	64	28916	15.311	ug/l	95
7) Trichlorofluoromethane	3.26	101	42623	20.546	ug/l	100
8) Diethyl Ether	3.68	74	26870	20.445	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57276	23.013	ug/l	99
10) Methyl Iodide	4.26	142	83878	23.984	ug/l	98
11) Tert butyl alcohol	5.24	59	13277	88.752	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	56998	23.117	ug/l	98
13) Acrolein	3.90	56	19921	105.219	ug/l	95
14) Allyl chloride	4.67	41	76961	19.863	ug/l	99
15) Acrylonitrile	5.38	53	50709	99.241	ug/l	99
16) Acetone	4.15	43	42938	84.672	ug/l	98
17) Carbon Disulfide	4.37	76	169459	23.186	ug/l	100
18) Methyl Acetate	4.68	43	22313	19.300	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	72264	20.108	ug/l	98
20) Methylene Chloride	4.91	84	72055	23.963	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	63041	22.249	ug/l	98
22) Diisopropyl ether	6.31	45	152289	19.640	ug/l	96
23) Vinyl Acetate	6.26	43	423675	91.918	ug/l	98
24) 1,1-Dichloroethane	6.21	63	101959	20.511	ug/l	99
25) 2-Butanone	7.18	43	62388	91.041	ug/l	96
26) 2,2-Dichloropropane	7.17	77	65944	21.107	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	65554	21.780	ug/l	100
28) Bromochloromethane	7.51	49	39514	19.744	ug/l	98
29) Tetrahydrofuran	7.54	42	38659	92.911	ug/l	99
30) Chloroform	7.68	83	107282	21.061	ug/l	97
31) Cyclohexane	7.96	56	92183	19.653	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	90219	21.119	ug/l	98
36) 1,1-Dichloropropene	8.09	75	86007	20.295	ug/l	99
37) Ethyl Acetate	7.26	43	28532	17.374	ug/l	99
38) Carbon Tetrachloride	8.07	117	86130	20.903	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	103154	20.540	ug/l	99
40) Benzene	8.33	78	240434	20.612	ug/l	100
41) Methacrylonitrile	7.49	41	16354	17.563	ug/l	98
42) 1,2-Dichloroethane	8.40	62	64184	18.081	ug/l	99
43) Isopropyl Acetate	8.43	43	53181	16.776	ug/l	98
44) Trichloroethene	9.10	130	66439	21.371	ug/l	91
45) 1,2-Dichloropropane	9.37	63	56921	19.947	ug/l	98
46) Dibromomethane	9.46	93	29604	20.027	ug/l	98
47) Bromodichloromethane	9.65	83	76958	20.248	ug/l	98
48) Methyl methacrylate	9.44	41	24693	17.045	ug/l	97
49) 1,4-Dioxane	9.49	88	7057	380.918	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	139155	89.592	ug/l	99
52) Toluene	10.39	92	155512	20.680	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	69918	19.227	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	88247	20.154	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	43401	21.158	ug/l	96
56) Ethyl methacrylate	10.65	69	47380	18.791	ug/l	98
57) 1,3-Dichloropropane	10.93	76	73421	20.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	117715	96.652	ug/l	99
59) 2-Hexanone	10.98	43	92968	89.460	ug/l	100
60) Dibromochloromethane	11.13	129	50635	21.194	ug/l	99
61) 1,2-Dibromoethane	11.24	107	40975	20.674	ug/l	99
64) Tetrachloroethene	10.87	164	52519	21.009	ug/l	92
65) Chlorobenzene	11.66	112	166135	21.559	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	57601	21.140	ug/l	100
67) Ethyl Benzene	11.73	91	292892	20.524	ug/l	98
68) m/p-Xylenes	11.84	106	230837	43.060	ug/l	99
69) o-Xylene	12.17	106	101334	20.746	ug/l	97
70) Styrene	12.18	104	178407	21.207	ug/l	100
71) Bromoform	12.35	173	25015	20.165	ug/l #	99
73) Isopropylbenzene	12.47	105	288219	21.451	ug/l	100
74) N-amyl acetate	12.27	43	49880	17.730	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	46466	20.666	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	34831m	20.788	ug/l	
77) Bromobenzene	12.75	156	62382	20.757	ug/l	98
78) n-propylbenzene	12.80	91	342983	21.107	ug/l	100
79) 2-Chlorotoluene	12.90	91	196331	21.158	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	251946	21.956	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13303	19.994	ug/l	94
82) 4-Chlorotoluene	12.99	91	207046	21.331	ug/l	100
83) tert-Butylbenzene	13.21	119	197972	20.824	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	249414	21.769	ug/l	99
85) sec-Butylbenzene	13.38	105	296740	21.596	ug/l	99
86) p-Isopropyltoluene	13.50	119	269245	21.457	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	127925	21.194	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	125113	21.215	ug/l	98
89) n-Butylbenzene	13.83	91	247510	20.781	ug/l	99
90) Hexachloroethane	14.10	117	47767	21.079	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	113442	21.820	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6949	19.414	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	67028	20.499	ug/l	100
94) Hexachlorobutadiene	15.24	225	37097	18.187	ug/l	96
95) Naphthalene	15.37	128	113600	20.227	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	55190	19.603	ug/l	98

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

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