

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016858.D
 Acq On : 09 Oct 2020 13:26
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 10/12/2020 1:58:42 PM

Quant Time: Oct 10 05:04:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 04:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	378150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	539779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	489552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	248977	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	15610	5.07	ug/l	0.00
Spiked Amount			Recovery	=	10.14%	
35) Dibromofluoromethane	7.88	113	17169	5.19	ug/l	0.00
Spiked Amount			Recovery	=	10.38%	
50) Toluene-d8	10.32	98	62154	5.01	ug/l	0.00
Spiked Amount			Recovery	=	10.02%	
62) 4-Bromofluorobenzene	12.62	95	20742	4.85	ug/l	0.00
Spiked Amount			Recovery	=	9.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	11224	5.442	ug/l	96
3) Chloromethane	2.21	50	12848	5.681	ug/l	98
4) Vinyl Chloride	2.37	62	17455	5.337	ug/l	97
5) Bromomethane	2.78	94	13465	5.361	ug/l	91
6) Chloroethane	2.92	64	11227	5.395	ug/l	93
7) Trichlorofluoromethane	3.26	101	11133	4.676	ug/l	96
8) Diethyl Ether	3.68	74	7747	5.209	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	17584	5.485	ug/l	100
10) Methyl Iodide	4.28	142	26167	5.105	ug/l	99
11) Tert butyl alcohol	5.21	59	4127m	25.413	ug/l	
12) 1,1-Dichloroethene	4.04	96	16344	5.165	ug/l	100
13) Acrolein	3.90	56	5381	26.478	ug/l	97
14) Allyl chloride	4.67	41	18929	4.997	ug/l	98
15) Acrylonitrile	5.37	53	12513	25.278	ug/l	96
16) Acetone	4.14	43	14218	28.540	ug/l	98
17) Carbon Disulfide	4.39	76	42812	5.085	ug/l	99
18) Methyl Acetate	4.68	43	6360	5.566	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	17489	5.128	ug/l	95
20) Methylene Chloride	4.92	84	29378	7.442	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	18530	5.216	ug/l	91
22) Diisopropyl ether	6.31	45	34196	4.967	ug/l #	87
23) Vinyl Acetate	6.26	43	103314	23.420	ug/l	98
24) 1,1-Dichloroethane	6.21	63	28303	5.185	ug/l	97
25) 2-Butanone	7.18	43	17418	26.226	ug/l	96
26) 2,2-Dichloropropane	7.17	77	18413	5.513	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	19216	5.050	ug/l	97
28) Bromochloromethane	7.51	49	11092	5.077	ug/l	99
29) Tetrahydrofuran	7.53	42	9641	25.916	ug/l	94
30) Chloroform	7.68	83	30631	5.161	ug/l	99
31) Cyclohexane	7.96	56	28391	6.097	ug/l #	76
32) 1,1,1-Trichloroethane	7.88	97	26129	5.220	ug/l	99
36) 1,1-Dichloropropene	8.08	75	24352	5.217	ug/l	99
37) Ethyl Acetate	7.26	43	7598	4.984	ug/l #	78
38) Carbon Tetrachloride	8.07	117	25233	5.201	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	26751	5.027	ug/l	96
40) Benzene	8.32	78	68368	5.258	ug/l	95
41) Methacrylonitrile	7.49	41	4568	6.983	ug/l	94
42) 1,2-Dichloroethane	8.40	62	18696	5.257	ug/l	99
43) Isopropyl Acetate	8.43	43	14431	4.941	ug/l	98
44) Trichloroethene	9.09	130	21518	5.347	ug/l	95
45) 1,2-Dichloropropane	9.37	63	15463	5.215	ug/l	92
46) Dibromomethane	9.46	93	8921	5.260	ug/l	99
47) Bromodichloromethane	9.65	83	21128	5.010	ug/l	98
48) Methyl methacrylate	9.44	41	6032	4.482	ug/l #	90
49) 1,4-Dioxane	9.47	88	2037	104.423	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	37737	25.541	ug/l	99
52) Toluene	10.39	92	45065	5.243	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	17444	4.544	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	22055	4.704	ug/l #	89
55) 1,1,2-Trichloroethane	10.79	97	12298	5.095	ug/l	92
56) Ethyl methacrylate	10.65	69	12185	4.640	ug/l	99
57) 1,3-Dichloropropane	10.93	76	20724	5.189	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	34101	23.434	ug/l	99
59) 2-Hexanone	10.98	43	23413	23.950	ug/l	96
60) Dibromochloromethane	11.13	129	14776	4.991	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12333	5.159	ug/l	99
64) Tetrachloroethene	10.86	164	18376	5.269	ug/l	96
65) Chlorobenzene	11.66	112	50567	5.266	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	16895	4.975	ug/l	98
67) Ethyl Benzene	11.73	91	83842	5.011	ug/l	99
68) m/p-Xylenes	11.84	106	64556	9.920	ug/l	99
69) o-Xylene	12.16	106	28232	4.727	ug/l	96
70) Styrene	12.18	104	47370	4.766	ug/l	99
71) Bromoform	12.35	173	7844	4.601	ug/l #	96
73) Isopropylbenzene	12.46	105	82630	4.993	ug/l	98
74) N-amyl acetate	12.27	43	12176	4.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	13415	5.167	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	10800m	6.724	ug/l	
77) Bromobenzene	12.75	156	21166	5.174	ug/l	97
78) n-propylbenzene	12.80	91	94617	4.958	ug/l	99
79) 2-Chlorotoluene	12.90	91	54281	4.986	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	67882	4.895	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	2918	4.222	ug/l	86
82) 4-Chlorotoluene	12.99	91	56484	5.026	ug/l	100
83) tert-Butylbenzene	13.21	119	57597	4.782	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	66813	4.835	ug/l	99
85) sec-Butylbenzene	13.38	105	82788	4.938	ug/l	100
86) p-Isopropyltoluene	13.50	119	75067	4.808	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	41618	5.261	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	41039	5.264	ug/l	95
89) n-Butylbenzene	13.82	91	68364	4.861	ug/l	99
90) Hexachloroethane	14.10	117	11296	4.689	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	35177	5.154	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1959	4.927	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	22314	4.738	ug/l	97
94) Hexachlorobutadiene	15.24	225	15322	5.019	ug/l	97
95) Naphthalene	15.37	128	31736	4.146	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	19774	4.827	ug/l	96

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

