

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015789.D
 Acq On : 07 Jul 2020 11:54
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 08 08:13:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 07:52:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	337759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	156430	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	48288	21.88	ug/l	0.00
Spiked Amount			Recovery	=	43.76%	
35) Dibromofluoromethane	7.89	113	42793	21.80	ug/l	0.00
Spiked Amount			Recovery	=	43.60%	
50) Toluene-d8	10.33	98	166351	21.87	ug/l	0.00
Spiked Amount			Recovery	=	43.74%	
62) 4-Bromofluorobenzene	12.62	95	59147	21.19	ug/l	0.00
Spiked Amount			Recovery	=	42.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	24514	21.325	ug/l	99
3) Chloromethane	2.21	50	30449	19.834	ug/l	98
4) Vinyl Chloride	2.37	62	50171	21.118	ug/l	100
5) Bromomethane	2.78	94	39299	21.273	ug/l	95
6) Chloroethane	2.92	64	34021	21.156	ug/l	97
7) Trichlorofluoromethane	3.26	101	34735	20.459	ug/l	100
8) Diethyl Ether	3.68	74	21569	20.214	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42355	20.992	ug/l	97
10) Methyl Iodide	4.27	142	58116	20.980	ug/l	99
11) Tert butyl alcohol	5.21	59	11554	108.877	ug/l	99
12) 1,1-Dichloroethene	4.04	96	40962	20.838	ug/l	99
13) Acrolein	3.90	56	16217	106.348	ug/l	98
14) Allyl chloride	4.67	41	64789	20.311	ug/l	99
15) Acrylonitrile	5.37	53	42377	102.994	ug/l	100
16) Acetone	4.14	43	36728	89.886	ug/l	99
17) Carbon Disulfide	4.38	76	120291	20.573	ug/l	99
18) Methyl Acetate	4.68	43	19179	20.686	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	60011	20.620	ug/l	94
20) Methylene Chloride	4.92	84	48064	19.536	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	47438	20.963	ug/l	96
22) Diisopropyl ether	6.32	45	135030	21.063	ug/l	95
23) Vinyl Acetate	6.26	43	392071	103.419	ug/l	100
24) 1,1-Dichloroethane	6.22	63	84190	20.724	ug/l	99
25) 2-Butanone	7.18	43	54705	98.380	ug/l	99
26) 2,2-Dichloropropane	7.17	77	52300	20.609	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	50727	20.777	ug/l	98
28) Bromochloromethane	7.51	49	35513	21.989	ug/l	99
29) Tetrahydrofuran	7.54	42	34347	102.225	ug/l	100
30) Chloroform	7.68	83	86380	20.826	ug/l	99
31) Cyclohexane	7.96	56	77656	20.233	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	72580	20.903	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69296	20.805	ug/l	99
37) Ethyl Acetate	7.26	43	26117	20.819	ug/l	99
38) Carbon Tetrachloride	8.07	117	66666	20.821	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80283	20.374	ug/l	97
40) Benzene	8.32	78	190695	20.948	ug/l	99
41) Methacrylonitrile	7.49	41	15377	21.228	ug/l	98
42) 1,2-Dichloroethane	8.40	62	59323	21.039	ug/l	100
43) Isopropyl Acetate	8.43	43	50689	20.309	ug/l	100
44) Trichloroethene	9.10	130	50287	20.884	ug/l	99
45) 1,2-Dichloropropane	9.37	63	46917	21.026	ug/l	99
46) Dibromomethane	9.46	93	24197	21.024	ug/l	98
47) Bromodichloromethane	9.65	83	62013	20.772	ug/l	99
48) Methyl methacrylate	9.44	41	23585	20.023	ug/l	97
49) 1,4-Dioxane	9.47	88	5685	389.639	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	123907	101.513	ug/l	98
52) Toluene	10.39	92	121091	20.817	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	57291	20.050	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	70066	20.504	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32363	20.219	ug/l	99
56) Ethyl methacrylate	10.65	69	38907	19.862	ug/l	98
57) 1,3-Dichloropropane	10.93	76	57898	20.532	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	96752	102.903	ug/l	99
59) 2-Hexanone	10.97	43	82303	100.689	ug/l	100
60) Dibromochloromethane	11.13	129	37883	20.457	ug/l	99
61) 1,2-Dibromoethane	11.24	107	31506	20.746	ug/l	98
64) Tetrachloroethene	10.87	164	41023	20.880	ug/l	94
65) Chlorobenzene	11.66	112	127201	20.895	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	43945	20.426	ug/l	97
67) Ethyl Benzene	11.73	91	233339	20.726	ug/l	96
68) m/p-Xylenes	11.84	106	176348	41.743	ug/l	98
69) o-Xylene	12.17	106	80163	20.829	ug/l	100
70) Styrene	12.18	104	137627	20.771	ug/l	99
71) Bromoform	12.35	173	19552	19.963	ug/l #	98
73) Isopropylbenzene	12.47	105	222362	20.157	ug/l	99
74) N-amyl acetate	12.27	43	46820	20.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	36807	20.176	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	26890m	18.441	ug/l	
77) Bromobenzene	12.75	156	50722	20.624	ug/l	97
78) n-propylbenzene	12.80	91	276367	20.586	ug/l	99
79) 2-Chlorotoluene	12.90	91	156815	20.532	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	195670	20.824	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	10218	19.123	ug/l	95
82) 4-Chlorotoluene	12.99	91	163226	20.446	ug/l	98
83) tert-Butylbenzene	13.21	119	159330	20.366	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	197191	21.050	ug/l	98
85) sec-Butylbenzene	13.38	105	233177	20.700	ug/l	100
86) p-Isopropyltoluene	13.50	119	214973	20.941	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	102450	20.583	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	101014	20.857	ug/l	99
89) n-Butylbenzene	13.82	91	204616	20.750	ug/l	99
90) Hexachloroethane	14.10	117	38361	20.462	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	88588	20.677	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5969	20.505	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	56524	20.939	ug/l	97
94) Hexachlorobutadiene	15.24	225	34732	20.265	ug/l	99
95) Naphthalene	15.37	128	89114	19.798	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	46733	20.496	ug/l	99

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

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