

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010320\
 Data File : VW014496.D
 Acq On : 03 Jan 2020 13:55
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 1/6/2020 10:43:11 AM

Quant Time: Jan 03 15:23:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 15:15:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	891413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1335596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1132940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	556472	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	79960	11.70	ug/l	0.00
Spiked Amount			Recovery	=	23.40%	
35) Dibromofluoromethane	7.88	113	77061	10.44	ug/l	0.00
Spiked Amount			Recovery	=	20.88%	
50) Toluene-d8	10.32	98	324694	10.79	ug/l	0.00
Spiked Amount			Recovery	=	21.58%	
62) 4-Bromofluorobenzene	12.62	95	104711	10.25	ug/l	0.00
Spiked Amount			Recovery	=	20.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	51932	10.760	ug/l	99
3) Chloromethane	2.21	50	69966	13.461	ug/l	93
4) Vinyl Chloride	2.36	62	97599	12.424	ug/l	95
5) Bromomethane	2.77	94	61423	11.980	ug/l	99
6) Chloroethane	2.92	64	53587	11.380	ug/l	100
7) Trichlorofluoromethane	3.25	101	46886	9.891	ug/l	98
8) Diethyl Ether	3.67	74	46894	11.789	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	90126	11.461	ug/l	100
10) Methyl Iodide	4.27	142	133746	10.579	ug/l	98
11) Tert butyl alcohol	5.16	59	35283	78.864	ug/l	97
12) 1,1-Dichloroethene	4.04	96	94065	11.554	ug/l	95
13) Acrolein	3.89	56	35335	70.152	ug/l	99
14) Allyl chloride	4.66	41	141529	11.292	ug/l	99
15) Acrylonitrile	5.37	53	103754	61.509	ug/l	98
16) Acetone	4.12	43	110736	71.495	ug/l	99
17) Carbon Disulfide	4.38	76	281019	11.928	ug/l	97
18) Methyl Acetate	4.66	43	53499	12.628	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	116083	11.709	ug/l	98
20) Methylene Chloride	4.92	84	116360	12.747	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	98904	11.325	ug/l	100
22) Diisopropyl ether	6.31	45	267478	11.664	ug/l	95
23) Vinyl Acetate	6.25	43	776891	57.266	ug/l	100
24) 1,1-Dichloroethane	6.21	63	168395	11.627	ug/l	98
25) 2-Butanone	7.17	43	142350	64.144	ug/l	96
26) 2,2-Dichloropropane	7.16	77	95462	11.493	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	103873	11.218	ug/l	97
28) Bromochloromethane	7.51	49	61284	12.613	ug/l	100
29) Tetrahydrofuran	7.52	42	89671	65.190	ug/l	98
30) Chloroform	7.67	83	157495	11.072	ug/l	98
31) Cyclohexane	7.95	56	181002	11.952	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	127413	11.373	ug/l	99
36) 1,1-Dichloropropene	8.08	75	136078	10.864	ug/l	99
37) Ethyl Acetate	7.25	43	60286	11.873	ug/l	99
38) Carbon Tetrachloride	8.06	117	117729	10.502	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	170170	10.569	ug/l	97
40) Benzene	8.32	78	383634	10.838	ug/l	97
41) Methacrylonitrile	7.48	41	29543	9.511	ug/l	97
42) 1,2-Dichloroethane	8.40	62	99598	11.074	ug/l	100
43) Isopropyl Acetate	8.42	43	107179	11.252	ug/l	99
44) Trichloroethene	9.09	130	102264	10.206	ug/l	89
45) 1,2-Dichloropropane	9.37	63	94553	11.130	ug/l	96
46) Dibromomethane	9.46	93	45667	10.957	ug/l	99
47) Bromodichloromethane	9.64	83	111923	10.526	ug/l	99
48) Methyl methacrylate	9.43	41	50658	10.770	ug/l	98
49) 1,4-Dioxane	9.45	88	17245	259.905	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	278178	57.816	ug/l	99
52) Toluene	10.38	92	239870	10.549	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	112178	10.348	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	140421	10.540	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	66601	10.735	ug/l	97
56) Ethyl methacrylate	10.64	69	80620	10.245	ug/l	98
57) 1,3-Dichloropropane	10.93	76	117511	11.035	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	107014	31.863	ug/l	100
59) 2-Hexanone	10.97	43	187878	56.744	ug/l	97
60) Dibromochloromethane	11.13	129	73161	10.063	ug/l	97
61) 1,2-Dibromoethane	11.23	107	62701	10.666	ug/l	99
64) Tetrachloroethene	10.86	164	88979	10.375	ug/l	96
65) Chlorobenzene	11.66	112	248665	10.685	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	81184	10.042	ug/l	99
67) Ethyl Benzene	11.73	91	445401	10.618	ug/l	99
68) m/p-Xylenes	11.84	106	342936	21.181	ug/l	100
69) o-Xylene	12.16	106	155115	10.422	ug/l	99
70) Styrene	12.18	104	261350	10.243	ug/l	100
71) Bromoform	12.35	173	43105	10.008	ug/l #	100
73) Isopropylbenzene	12.46	105	427948	10.692	ug/l	99
74) N-amyl acetate	12.27	43	89653	11.077	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	76209	11.598	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	47249m	10.897	ug/l	
77) Bromobenzene	12.74	156	100793	10.575	ug/l	98
78) n-propylbenzene	12.80	91	505891	10.898	ug/l	99
79) 2-Chlorotoluene	12.89	91	290709	11.131	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	362815	10.774	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	23405	10.639	ug/l	97
82) 4-Chlorotoluene	12.99	91	299356	10.956	ug/l	100
83) tert-Butylbenzene	13.21	119	313485	10.494	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	357697	10.749	ug/l	100
85) sec-Butylbenzene	13.38	105	436125	10.656	ug/l	100
86) p-Isopropyltoluene	13.50	119	394344	10.377	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	192200	10.426	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	193773	10.560	ug/l	97
89) n-Butylbenzene	13.82	91	359434	10.427	ug/l	100
90) Hexachloroethane	14.09	117	67784	10.272	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	171619	10.696	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	11753	11.647	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	107173	9.235	ug/l	98
94) Hexachlorobutadiene	15.23	225	77483	9.951	ug/l	98
95) Naphthalene	15.36	128	168839	9.039	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	93748	9.342	ug/l	99

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

