Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121420\
Data File : VW017603.D
Acq On : 14 Dec 2020 10:49
Operator : SY/VA
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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Quant Time: Dec 14 12:20:34 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:18:51 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.945	168	268842	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.848	114	461108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	406861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	202068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	67233	23.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 46.84%			
35) Dibromofluoromethane	7.885	113	61597	20.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 41.62%			
50) Toluene-d8	10.323	98	241833	21.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 43.38%			
62) 4-Bromofluorobenzene	12.615	95	85136	21.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 42.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	46949	25.22	ug/l	97
3) Chloromethane	2.215	50	48940	22.96	ug/l	94
4) Vinyl Chloride	2.367	62	76374	26.41	ug/l	96
5) Bromomethane	2.770	94	56388	27.56	ug/l	96
6) Chloroethane	2.922	64	45614	25.32	ug/l	90
7) Trichlorofluoromethane	3.263	101	54769	20.14	ug/l	100
8) Diethyl Ether	3.684	74	31252	23.60	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.068	101	63578	22.76	ug/l	88
10) Methyl Iodide	4.275	142	90811	21.93	ug/l	94
11) Tert butyl alcohol	5.178	59	33423	164.92	ug/l #	96
12) 1,1-Dichloroethene	4.050	96	64162	23.16	ug/l	90
13) Acrolein	3.891	56	22938	128.72	ug/l	95
14) Allyl chloride	4.672	41	98184	24.15	ug/l	95
15) Acrylonitrile	5.373	53	72972	130.24	ug/l	98
16) Acetone	4.123	43	68163	120.69	ug/l	95
17) Carbon Disulfide	4.391	76	186300	22.92	ug/l	99
18) Methyl Acetate	4.672	43	30914	25.57	ug/l	93
19) Methyl tert-butyl Ether	5.428	73	86899	25.60	ug/l	99
20) Methylene Chloride	4.922	84	71313	20.74	ug/l #	82
21) trans-1,2-Dichloroethene	5.422	96	70309	22.96	ug/l	92
22) Diisopropyl ether	6.312	45	179246	24.08	ug/l	92
23) Vinyl Acetate	6.257	43	604437	129.26	ug/l	95
24) 1,1-Dichloroethane	6.220	63	119387	23.26	ug/l	98
25) 2-Butanone	7.171	43	95807	127.02	ug/l	94
26) 2,2-Dichloropropane	7.171	77	87177	24.89	ug/l	93
27) cis-1,2-Dichloroethene	7.171	96	74246	22.95	ug/l	85
28) Bromochloromethane	7.519	49	51054	23.40	ug/l #	73
29) Tetrahydrofuran	7.531	42	56926	130.65	ug/l	90
30) Chloroform	7.677	83	121436	22.81	ug/l	99
31) Cyclohexane	7.958	56	118460	24.19	ug/l	94
32) 1,1,1-Trichloroethane	7.872	97	105015	23.17	ug/l	95
36) 1,1-Dichloropropene	8.086	75	102232	22.21	ug/l	96
37) Ethyl Acetate	7.250	43	41848	24.50	ug/l	97
38) Carbon Tetrachloride	8.067	117	99856	20.82	ug/l	92
39) Methylcyclohexane	9.335	83	128879	23.28	ug/l	91
40) Benzene	8.323	78	267449	21.33	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	25350	24.52	ug/l		88
42) 1,2-Dichloroethane	8.403	62	81304	21.89	ug/l		97
43) Isopropyl Acetate	8.427	43	79994	24.84	ug/l		93
44) Trichloroethene	9.098	130	72657	20.29	ug/l		92
45) 1,2-Dichloropropane	9.366	63	64983	21.32	ug/l		93
46) Dibromomethane	9.463	93	36831	22.18	ug/l	#	86
47) Bromodichloromethane	9.646	83	91946	21.50	ug/l		99
48) Methyl methacrylate	9.439	41	39854	24.12	ug/l		86
49) 1,4-Dioxane	9.451	88	9440	528.78	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.213	43	198376	123.83	ug/l		91
52) Toluene	10.390	92	170548	21.50	ug/l		96
53) t-1,3-Dichloropropene	10.610	75	95310	23.25	ug/l		97
54) cis-1,3-Dichloropropene	10.073	75	109039	22.76	ug/l	#	89
55) 1,1,2-Trichloroethane	10.786	97	48890	21.70	ug/l		96
56) Ethyl methacrylate	10.646	69	63106	24.59	ug/l	#	88
57) 1,3-Dichloropropane	10.933	76	86154	22.06	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.927	63	159330	124.89	ug/l		92
59) 2-Hexanone	10.969	43	131649	123.85	ug/l		93
60) Dibromochloromethane	11.128	129	59838	20.99	ug/l		98
61) 1,2-Dibromoethane	11.238	107	48575	22.14	ug/l		99
64) Tetrachloroethene	10.866	164	56568	19.77	ug/l	#	89
65) Chlorobenzene	11.658	112	178198	20.97	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.731	131	63792	20.66	ug/l		99
67) Ethyl Benzene	11.731	91	332930	21.89	ug/l		99
68) m/p-Xylenes	11.841	106	250883	43.94	ug/l		94
69) o-Xylene	12.164	106	120133	23.05	ug/l		99
70) Styrene	12.183	104	201150	22.52	ug/l		97
71) Bromoform	12.347	173	32731	21.00	ug/l	#	99
73) Isopropylbenzene	12.463	105	328842	22.79	ug/l		100
74) N-amyl acetate	12.274	43	70206	26.31	ug/l	#	90
75) 1,1,2,2-Tetrachloroethane	12.713	83	56888	23.38	ug/l		96
76) 1,2,3-Trichloropropane	12.768	75	47102m	26.33	ug/l		
77) Bromobenzene	12.749	156	69345	20.54	ug/l		78
78) n-propylbenzene	12.804	91	394865	22.71	ug/l		98
79) 2-Chlorotoluene	12.896	91	218986	22.39	ug/l		97
80) 1,3,5-Trimethylbenzene	12.945	105	275358	22.64	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.512	75	19651	25.27	ug/l		95
82) 4-Chlorotoluene	12.987	91	227213	22.07	ug/l		96
83) tert-Butylbenzene	13.207	119	234594	22.48	ug/l		93
84) 1,2,4-Trimethylbenzene	13.249	105	272004	22.44	ug/l		98
85) sec-Butylbenzene	13.384	105	333420	22.75	ug/l		98
86) p-Isopropyltoluene	13.499	119	301210	22.24	ug/l		96
87) 1,3-Dichlorobenzene	13.499	146	136241	20.30	ug/l		97
88) 1,4-Dichlorobenzene	13.579	146	136844	20.69	ug/l		96
89) n-Butylbenzene	13.822	91	297294	23.06	ug/l		97
90) Hexachloroethane	14.097	117	58597	22.66	ug/l		80
91) 1,2-Dichlorobenzene	13.871	146	124807	21.38	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	10287	24.44	ug/l		78
93) 1,2,4-Trichlorobenzene	15.133	180	78910	20.05	ug/l		98
94) Hexachlorobutadiene	15.237	225	43597	18.78	ug/l		97
95) Naphthalene	15.365	128	167243	24.47	ug/l		99
96) 1,2,3-Trichlorobenzene	15.560	180	69527	20.37	ug/l		97

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

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