Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027107.D
Acq On : 15 Aug 2020 03:34
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02024

Quant Time: Aug 17 01:25:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	137685	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	510943	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	326471	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	709245	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	736458	20.00	ng/ul	-0.01
86) Perylene-d12	23.40	264	726083	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	26395	8.71	ng/uL	0.00
5) Phenol-d5	6.82	99	221766	20.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	146386	19.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	176905	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	172901	20.71	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	81520	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	89342	21.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	192662	21.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	212579	20.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	518970	19.93	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	648080	20.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	89465	20.36	ng/ul	0.00
58) Fluorene-d10	15.27	176	440836	19.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	63764	16.46	ng/ul	0.00
71) Anthracene-d10	17.12	188	695930	19.92	ng/ul	0.00
79) Pyrene-d10	19.41	212	775330	21.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	824651	20.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	28256	7.336	ng/uL	96
4) Benzaldehyde	6.79	77	163552	15.715	ng/ul	95
6) Phenol	6.85	94	242257	21.461	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.07	93	188557	20.237	ng/ul	95
10) 2-Chlorophenol	7.21	128	186550	21.139	ng/ul	97
11) 2-Methylphenol	8.08	108	172839	21.079	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.17	45	148036	20.856	ng/ul	98
14) Acetophenone	8.45	105	288266	20.550	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.44	70	170670	20.972	ng/ul	95
16) 4-Methylphenol	8.40	108	186436	21.158	ng/ul	98
17) Hexachloroethane	8.71	117	79336	17.973	ng/ul	94
20) Nitrobenzene	8.82	77	256001	19.362	ng/ul	98
21) Isophorone	9.35	82	422648	20.146	ng/ul	99
23) 2-Nitrophenol	9.53	139	97932	21.036	ng/ul	94
24) 2,4-Dimethylphenol	9.60	107	219323	20.654	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.83	93	245435	20.649	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	190261	21.453	ng/ul	98
28) Naphthalene	10.46	128	572039	20.142	ng/ul	99
30) 4-Chloroaniline	10.56	127	225452	21.828	ng/ul	100
31) Hexachlorobutadiene	10.76	225	142099	19.005	ng/ul	99
32) Caprolactam	11.33	113	51407	20.852	ng/ul	97
33) 4-Chloro-3-methylphenol	11.70	107	189520	20.223	ng/ul	97
34) 2-Methylnaphthalene	12.07	142	418797	20.107	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	393547	19.194 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	254003	21.025 ng/ul	99
38) Hexachlorocyclopentadiene	12.44	237	91987	11.548 ng/ul	96
39) 2,4,6-Trichlorophenol	12.70	196	158125	22.269 ng/ul	94
40) 2,4,5-Trichlorophenol	12.76	196	168281	22.268 ng/ul	96
41) 1,1'-Biphenyl	13.10	154	555671	20.828 ng/ul	99
42) 2-Chloronaphthalene	13.14	162	443657	20.511 ng/ul	98
43) 2-Nitroaniline	13.34	65	132089	21.081 ng/ul	97
45) Dimethylphthalate	13.73	163	545574	19.997 ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	108715	20.928 ng/ul	91
48) Acenaphthylene	13.99	152	646174	20.488 ng/ul	99
49) 3-Nitroaniline	14.17	138	106258	23.017 ng/ul	93
50) Acenaphthene	14.33	153	452745	20.255 ng/ul	97
51) 2,4-Dinitrophenol	14.38	184	41778	15.475 ng/ul	88
53) 4-Nitrophenol	14.49	109	87994	18.804 ng/ul	95
54) Dibenzofuran	14.67	168	652234	20.390 ng/ul	97
55) 2,4-Dinitrotoluene	14.63	165	157561	20.886 ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	14.90	232	143945	21.134 ng/ul#	94
57) Diethylphthalate	15.11	149	517001	18.892 ng/ul	98
59) Fluorene	15.32	166	521447	19.479 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.32	204	280510	19.228 ng/ul	98
61) 4-Nitroaniline	15.33	138	109407	20.749 ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.40	198	68464	15.970 ng/ul	91
65) N-Nitrosodiphenylamine	15.53	169	446429	21.010 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	180135	20.306 ng/ul	97
67) Hexachlorobenzene	16.33	284	208516	20.042 ng/ul	96
68) Atrazine	16.49	200	165466	19.205 ng/ul	99
69) Pentachlorophenol	16.67	266	117686	20.413 ng/ul	99
70) Phenanthrene	17.06	178	841620	19.793 ng/ul	100
72) Anthracene	17.14	178	854030	19.740 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	252387	22.752 ng/uL	100
74) Pentachlorobenzene	14.60	250	239119	20.666 ng/uL	99
75) Carbazole	17.42	167	751911	20.589 ng/ul	100
76) Di-n-butylphthalate	18.00	149	869349	19.427 ng/ul	99
77) Fluoranthene	19.07	202	1005393	19.499 ng/ul	99
80) Pyrene	19.44	202	1026774	20.540 ng/ul	98
81) Butylbenzylphthalate	20.36	149	390635	21.260 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.13	252	328033	19.739 ng/ul	99
83) Benzo(a)anthracene	21.19	228	1016130	20.495 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	544958	19.633 ng/ul	98
85) Chrysene	21.24	228	975389	20.043 ng/ul	99
87) Di-n-octyl phthalate	22.01	149	944763	19.448 ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	1033158	20.491 ng/ul	99
89) Benzo(k)fluoranthene	22.79	252	987940	19.771 ng/ul	99
91) Benzo(a)pyrene	23.31	252	895488	19.516 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.60	276	1150905	19.466 ng/ul	99
93) Dibenzo(a,h)anthracene	25.61	278	971185	19.393 ng/ul	99
94) Benzo(g,h,i)perylene	26.26	276	934219	19.130 ng/ul	99

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

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