Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042137.D
Acq On : 12 Aug 2019 9:19
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02051

Manual Integrations APPROVED
mohammad
8/14/2019 2:50:06 AM

Quant Time: Aug 13 04:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 12 18:03:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	81533	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	332792	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	227580	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	514377	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	501064	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	554417	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	12005	6.44	ng/uL	0.00
5) Phenol-d5	7.18	99	125804	19.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	63614	17.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	110479	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	103587	19.28	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	53572	21.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	64702	22.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	132037	22.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	142288	21.84	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	363486	20.59	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	451087	22.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	58349	19.69	ng/ul	0.00
57) Fluorene-d10	15.68	176	339622	21.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	62264	18.87	ng/ul	0.00
70) Anthracene-d10	17.54	188	514764	20.86	ng/ul	0.00
78) Pyrene-d10	19.82	212	587147	21.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	640225	22.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	13455	6.969	ng/uL#	82
4) Benzaldehyde	7.15	77	54912	18.163	ng/ul	97
6) Phenol	7.21	94	124711	18.882	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.44	93	91239	18.158	ng/ul	92
10) 2-Chlorophenol	7.59	128	108831	19.626	ng/ul	96
11) 2-Methylphenol	8.47	108	100236	18.929	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.56	45	123781	14.563	ng/ul#	92
14) Acetophenone	8.85	105	151862	18.380	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.84	70	68322	15.654	ng/ul	95
16) 4-Methylphenol	8.80	108	106869	18.681	ng/ul	94
17) Hexachloroethane	9.12	117	36784	16.019	ng/ul	93
20) Nitrobenzene	9.23	77	106143	18.603	ng/ul	94
21) Isophorone	9.77	82	191458	16.830	ng/ul	96
23) 2-Nitrophenol	9.95	139	65399	21.045	ng/ul	90
24) 2,4-Dimethylphenol	10.01	107	117775	19.209	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.25	93	125775	18.622	ng/ul	98
27) 2,4-Dichlorophenol	10.49	162	122024	20.956	ng/ul	99
28) Naphthalene	10.90	128	339038	19.928	ng/ul	99
30) 4-Chloroaniline	11.00	127	135249	20.655	ng/ul	98
31) Hexachlorobutadiene	11.19	225	87449	19.781	ng/ul	98
32) Caprolactam	11.76	113	34272	18.192	ng/ul#	70
33) 4-Chloro-3-methylphenol	12.13	107	110497	19.260	ng/ul	98
34) 2-Methylnaphthalene	12.51	142	269701	19.944	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	174991	21.506 ng/ul	97
37) Hexachlorocyclopentadiene	12.86	237	85232	16.591 ng/ul	97
38) 2,4,6-Trichlorophenol	13.12	196	109860	21.816 ng/ul	97
39) 2,4,5-Trichlorophenol	13.19	196	117849	20.981 ng/ul	98
40) 1,1'-Biphenyl	13.51	154	344703	20.830 ng/ul	97
41) 2-Chloronaphthalene	13.56	162	284485	21.350 ng/ul	98
42) 2-Nitroaniline	13.75	65	63159	18.119 ng/ul	91
44) Dimethylphthalate	14.13	163	345382	19.708 ng/ul	98
45) 2,6-Dinitrotoluene	14.25	165	81016	21.253 ng/ul	90
47) Acenaphthylene	14.41	152	412208	20.256 ng/ul	100
48) 3-Nitroaniline	14.58	138	64956	21.367 ng/ul	95
49) Acenaphthene	14.75	153	293092	20.598 ng/ul	97
50) 2,4-Dinitrophenol	14.79	184	35372	16.958 ng/ul	97
52) 4-Nitrophenol	14.89	109	36991	16.843 ng/ul	92
53) Dibenzofuran	15.08	168	431483	20.318 ng/ul	99
54) 2,4-Dinitrotoluene	15.04	165	112941	20.377 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.31	232	107002	20.101 ng/ul	99
56) Diethylphthalate	15.50	149	329799	18.918 ng/ul	98
58) Fluorene	15.73	166	346564	20.261 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.72	204	203571	20.495 ng/ul	98
60) 4-Nitroaniline	15.75	138	64249	18.970 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.81	198	65317	18.371 ng/ul	98
64) N-Nitrosodiphenylamine	15.94	169	315782	20.693 ng/ul	99
65) 4-Bromophenyl-phenylether	16.62	248	139045	20.419 ng/ul	97
66) Hexachlorobenzene	16.75	284	145400	21.259 ng/ul	94
67) Atrazine	16.89	200	114761	17.944 ng/ul	100
68) Pentachlorophenol	17.09	266	76033	20.411 ng/ul	99
69) Phenanthrene	17.48	178	570426	20.257 ng/ul	99
71) Anthracene	17.57	178	576202	20.175 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	175580	21.420 ng/uL	99
73) Pentachlorobenzene	15.01	250	179509	21.659 ng/uL	99
74) Carbazole	17.84	167	493949	20.879 ng/ul	99
75) Di-n-butylphthalate	18.40	149	545119	18.695 ng/ul	98
76) Fluoranthene	19.49	202	692599	21.287 ng/ul	99
79) Pyrene	19.85	202	677758	20.109 ng/ul	99
80) Butylbenzylphthalate	20.73	149	247362	18.646 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.61	252	262085	23.013 ng/ul	98
82) Benzo(a)anthracene	21.70	228	711795	20.488 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	326725	18.050 ng/ul	98
84) Chrysene	21.77	228	668007	20.601 ng/ul	99
86) Di-n-octyl phthalate	22.84	149	577316	21.046 ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	710457	20.420 ng/ul	99
88) Benzo(k)fluoranthene	24.01	252	703770	21.038 ng/ul	99
90) Benzo(a)pyrene	24.84	252	684096	20.634 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.71	276	645328	16.688 ng/ul	99
92) Dibenzo(a,h)anthracene	28.78	278	562948	17.847 ng/ul	98
93) Benzo(g,h,i)perylene	29.88	276	545993m	16.911 ng/ul	

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

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