Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
Data File : BG046994.D
Acq On : 20 Oct 2020 10:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 11:05:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 20 10:59:53 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/20/2020
Supervised By :mohammad ahmed 10/21/2020

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53464	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	216417	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	157236	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	366182m	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	381968	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	379806	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	8212	6.82	ng/uL	0.00
5) Phenol-d5	7.22	99	97123	20.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	55663	20.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	73695	20.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	75852	20.14	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	37362	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	43014	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	87152	21.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	91491	19.34	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	259618	19.88	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	307976	20.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	42922	19.06	ng/ul	0.00
58) Fluorene-d10	15.69	176	247666	20.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	46931m	18.61	ng/ul	0.00
71) Anthracene-d10	17.54	188	373717	21.07	ng/ul	0.00
79) Pyrene-d10	19.82	212	446004	21.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	447876	20.94	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	10101	7.033	ng/uL#	81
4) Benzaldehyde	7.20	77	40159	14.636	ng/ul	96
6) Phenol	7.25	94	99077	20.053	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.48	93	75203	20.084	ng/ul	97
10) 2-Chlorophenol	7.63	128	73584	20.713	ng/ul	98
11) 2-Methylphenol	8.50	108	75439	20.495	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.59	45	113444	21.182	ng/ul	98
14) Acetophenone	8.89	105	121948	20.186	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.87	70	65415	20.645	ng/ul#	96
16) 4-Methylphenol	8.83	108	80579	20.624	ng/ul	95
17) Hexachloroethane	9.16	117	33136	20.471	ng/ul	91
20) Nitrobenzene	9.27	77	100909	20.331	ng/ul	97
21) Isophorone	9.80	82	182113	19.940	ng/ul	97
23) 2-Nitrophenol	9.98	139	45973	20.909	ng/ul	92
24) 2,4-Dimethylphenol	10.04	107	91632	19.755	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.27	93	101884	19.562	ng/ul	97
27) 2,4-Dichlorophenol	10.52	162	81847	19.992	ng/ul	99
28) Naphthalene	10.93	128	257204	20.596	ng/ul	98
30) 4-Chloroaniline	11.03	127	89629	19.794	ng/ul	98
31) Hexachlorobutadiene	11.21	225	71878	20.606	ng/ul	97
32) Caprolactam	11.78	113	27715m	20.004	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	88977	20.772	ng/ul	97
34) 2-Methylnaphthalene	12.53	142	185065	20.157	ng/ul	94

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35) 1-Methylnaphthalene	12.75	142	183989	20.318	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	132399	21.592	ng/ul	98
38) Hexachlorocyclopentadiene	12.88	237	60964	14.972	ng/ul#	85
39) 2,4,6-Trichlorophenol	13.13	196	80335	21.288	ng/ul	95
40) 2,4,5-Trichlorophenol	13.20	196	83069	20.851	ng/ul	97
41) 1,1'-Biphenyl	13.53	154	258787	20.404	ng/ul	99
42) 2-Chloronaphthalene	13.57	162	207602	20.430	ng/ul	98
43) 2-Nitroaniline	13.77	65	64693	21.221	ng/ul	89
45) Dimethylphthalate	14.14	163	267682	19.768	ng/ul	100
46) 2,6-Dinitrotoluene	14.27	165	60320	21.792	ng/ul#	95
48) Acenaphthylene	14.42	152	308725	20.514	ng/ul	98
49) 3-Nitroaniline	14.59	138	43875	19.123	ng/ul	92
50) Acenaphthene	14.76	153	217023	20.566	ng/ul	98
51) 2,4-Dinitrophenol	14.80	184	25423	14.550	ng/ul	92
53) 4-Nitrophenol	14.90	109	47879	20.264	ng/ul	97
54) Dibenzofuran	15.10	168	320857	20.460	ng/ul	99
55) 2,4-Dinitrotoluene	15.05	165	84472	21.261	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.32	232	82289	20.853	ng/ul#	96
57) Diethylphthalate	15.51	149	269423	19.947	ng/ul	98
59) Fluorene	15.74	166	262369	20.388	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.73	204	151193	20.159	ng/ul	97
61) 4-Nitroaniline	15.75	138	43904	17.152	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	50352	18.566	ng/ul	98
65) N-Nitrosodiphenylamine	15.94	169	232258	21.615	ng/ul	96
66) 4-Bromophenyl-phenylether	16.63	248	106750	21.855	ng/ul	93
67) Hexachlorobenzene	16.75	284	110594	21.738	ng/ul#	92
68) Atrazine	16.89	200	101608	21.407	ng/ul#	91
69) Pentachlorophenol	17.09	266	62236	19.709	ng/ul	94
70) Phenanthrene	17.48	178	443767m	21.179	ng/ul	
72) Anthracene	17.58	178	445214	21.036	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	130717	22.460	ng/uL	98
74) Pentachlorobenzene	15.01	250	129725	21.722	ng/uL	95
75) Carbazole	17.84	167	366982	21.592	ng/ul	98
76) Di-n-butylphthalate	18.39	149	463517	20.842	ng/ul	100
77) Fluoranthene	19.49	202	556091	21.734	ng/ul	99
80) Pyrene	19.85	202	550757	21.306	ng/ul	100
81) Butylbenzylphthalate	20.73	149	199126	21.167	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.61	252	171657	19.212	ng/ul	99
83) Benzo(a)anthracene	21.69	228	556444	21.107	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	288825	21.502	ng/ul	96
85) Chrysene	21.76	228	528696	20.785	ng/ul	99
87) Di-n-octyl phthalate	22.81	149	485200	22.227	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	556095	21.107	ng/ul	97
89) Benzo(k)fluoranthene	23.99	252	539823	21.247	ng/ul	100
91) Benzo(a)pyrene	24.80	252	498965	21.066	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.65	276	620254	21.376	ng/ul	98
93) Dibenzo(a,h)anthracene	28.71	278	513676	21.348	ng/ul	98
94) Benzo(g,h,i)perylene	29.81	276	515993m	21.185	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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