Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
Data File : BG047000.D
Acq On : 20 Oct 2020 16:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 17:22:59 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 :
SSTD02041

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	60185	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	244907	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	177122	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	415272	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	425679	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	418326	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	9539	7.04	ng/uL	0.00
5) Phenol-d5	7.21	99	110240	20.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	63101	20.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	84073	21.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	88804	20.94	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	42200	20.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	48009	20.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	101164	21.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	102073	19.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	290267	19.73	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	348974	20.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	46892	18.49	ng/ul	0.00
58) Fluorene-d10	15.69	176	273966	20.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	52800	18.46	ng/ul	0.00
71) Anthracene-d10	17.54	188	410701m	20.42	ng/ul	0.00
79) Pyrene-d10	19.82	212	496995	21.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	506012	21.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	11379	7.038	ng/uL#	84
4) Benzaldehyde	7.20	77	46818	15.157	ng/ul	93
6) Phenol	7.24	94	112525	20.231	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.48	93	87646	20.793	ng/ul	95
10) 2-Chlorophenol	7.63	128	86763	21.695	ng/ul	99
11) 2-Methylphenol	8.50	108	84970	20.506	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.60	45	127088	21.080	ng/ul	100
14) Acetophenone	8.89	105	139493	20.511	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.87	70	72630	20.363	ng/ul	91
16) 4-Methylphenol	8.83	108	89919	20.445	ng/ul	90
17) Hexachloroethane	9.15	117	37833	20.763	ng/ul	95
20) Nitrobenzene	9.27	77	115045	20.483	ng/ul	98
21) Isophorone	9.79	82	201163	19.464	ng/ul	98
23) 2-Nitrophenol	9.98	139	53815	21.628	ng/ul	97
24) 2,4-Dimethylphenol	10.04	107	106987	20.382	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.28	93	114222	19.380	ng/ul	97
27) 2,4-Dichlorophenol	10.52	162	97977	21.148	ng/ul	99
28) Naphthalene	10.93	128	286983	20.308	ng/ul	98
30) 4-Chloroaniline	11.03	127	103278	20.155	ng/ul	96
31) Hexachlorobutadiene	11.22	225	80704	20.444	ng/ul	99
32) Caprolactam	11.79	113	30002m	19.135	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	101117	20.860	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	214046	20.601	ng/ul	99

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35) 1-Methylnaphthalene	12.75	142	204417	19.948	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	147406	21.340	ng/ul	99
38) Hexachlorocyclopentadiene	12.88	237	73228	15.964	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.13	196	91754	21.584	ng/ul	97
40) 2,4,5-Trichlorophenol	13.20	196	96417	21.484	ng/ul	94
41) 1,1'-Biphenyl	13.53	154	294139	20.587	ng/ul	99
42) 2-Chloronaphthalene	13.58	162	237256	20.727	ng/ul	98
43) 2-Nitroaniline	13.77	65	74512	21.698	ng/ul	96
45) Dimethylphthalate	14.14	163	301089	19.739	ng/ul	99
46) 2,6-Dinitrotoluene	14.27	165	66650	21.375	ng/ul	98
48) Acenaphthylene	14.42	152	341296	20.132	ng/ul	98
49) 3-Nitroaniline	14.59	138	48830	18.893	ng/ul	93
50) Acenaphthene	14.76	153	244168	20.540	ng/ul	97
51) 2,4-Dinitrophenol	14.80	184	33419	16.979	ng/ul	93
53) 4-Nitrophenol	14.89	109	52237	19.627	ng/ul	94
54) Dibenzofuran	15.09	168	361139	20.443	ng/ul	97
55) 2,4-Dinitrotoluene	15.05	165	91550	20.456	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.32	232	93633	21.063	ng/ul#	92
57) Diethylphthalate	15.51	149	299762	19.702	ng/ul	98
59) Fluorene	15.75	166	292606	20.185	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.73	204	170156	20.140	ng/ul	99
61) 4-Nitroaniline	15.75	138	52548	18.224	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.82	198	59385	19.308	ng/ul	98
65) N-Nitrosodiphenylamine	15.95	169	258342	21.200	ng/ul	97
66) 4-Bromophenyl-phenylether	16.63	248	118439	21.381	ng/ul	94
67) Hexachlorobenzene	16.75	284	124532	21.584	ng/ul	94
68) Atrazine	16.89	200	117081	21.750	ng/ul	93
69) Pentachlorophenol	17.09	266	69157	19.312	ng/ul	94
70) Phenanthrene	17.49	178	492487	20.726	ng/ul	99
72) Anthracene	17.57	178	489415	20.390	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	146623	22.214	ng/uL	97
74) Pentachlorobenzene	15.02	250	146223	21.590	ng/uL	99
75) Carbazole	17.84	167	407295	21.131	ng/ul	99
76) Di-n-butylphthalate	18.40	149	519123	20.583	ng/ul	99
77) Fluoranthene	19.49	202	616567	21.249	ng/ul	99
80) Pyrene	19.85	202	603753	20.958	ng/ul#	97
81) Butylbenzylphthalate	20.73	149	228498	21.795	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.60	252	189557	19.037	ng/ul	97
83) Benzo(a)anthracene	21.69	228	622189	21.177	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	324676	21.689	ng/ul	97
85) Chrysene	21.76	228	589454	20.795	ng/ul	98
87) Di-n-octyl phthalate	22.81	149	552823	22.992	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	626627	21.594	ng/ul	99
89) Benzo(k)fluoranthene	23.99	252	615139	21.982	ng/ul	100
91) Benzo(a)pyrene	24.80	252	564381	21.634	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.65	276	692075	21.655	ng/ul	99
93) Dibenzo(a,h)anthracene	28.71	278	576758	21.762	ng/ul	99
94) Benzo(g,h,i)perylene	29.80	276	576426	21.487	ng/ul	100

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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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