Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041823\
Data File : BG057139.D
Acq On : 19 Apr 2023 2:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 19 05:02:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 19 04:21:14 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.396	152	13000	20.000	ng		0.00
21) Naphthalene-d8	11.234	136	42898	20.000	ng	#	0.00
39) Acenaphthene-d10	15.011	164	31572	20.000	ng		0.00
64) Phenanthrene-d10	17.748	188	109735	20.000	ng		0.00
76) Chrysene-d12	22.066	240	93724	20.000	ng		0.00
86) Perylene-d12	25.591	264	101514	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.906	112	63120	82.693	ng		0.00
7) Phenol-d6	7.527	99	77122	68.349	ng		0.00
23) Nitrobenzene-d5	9.577	82	106032	108.853	ng		0.00
42) 2,4,6-Tribromophenol	16.491	330	62462	116.614	ng		0.00
45) 2-Fluorobiphenyl	13.636	172	250441	104.507	ng		0.00
79) Terphenyl-d14	20.315	244	504683	81.465	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.708	88	15848	34.095	ng		98
3) Pyridine	4.131	79	34640	36.213	ng		94
4) n-Nitrosodimethylamine	4.037	42	17438	36.436	ng		87
6) Aniline	7.709	93	52805	37.236	ng		97
8) 2-Chlorophenol	7.956	128	32505	42.091	ng		98
9) Benzaldehyde	7.521	77	21557	32.099	ng		96
10) Phenol	7.556	94	37114	33.938	ng		96
11) bis(2-Chloroethyl)ether	7.797	93	30767	40.680	ng		98
12) 1,3-Dichlorobenzene	8.285	146	35116	39.329	ng		96
13) 1,4-Dichlorobenzene	8.431	146	36453	39.634	ng		97
14) 1,2-Dichlorobenzene	8.760	146	37240	39.780	ng		98
15) Benzyl Alcohol	8.625	79	41465	42.172	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.913	45	42727	37.814	ng		96
17) 2-Methylphenol	8.825	107	36108	37.626	ng		96
18) Hexachloroethane	9.495	117	14104	37.331	ng		94
19) n-Nitroso-di-n-propyla...	9.201	70	31326	30.938	ng	#	90
20) 3+4-Methylphenols	9.160	107	41873	30.492	ng		96
22) Acetophenone	9.225	105	59454	50.307	ng		95
24) Nitrobenzene	9.618	77	53777	55.393	ng		99
25) Isophorone	10.135	82	96271	52.518	ng		99
26) 2-Nitrophenol	10.335	139	23321	57.567	ng		95
27) 2,4-Dimethylphenol	10.376	122	38426	56.669	ng		89
28) bis(2-Chloroethoxy)met...	10.611	93	49830	52.942	ng		92
29) 2,4-Dichlorophenol	10.875	162	35658	49.761	ng		98
30) 1,2,4-Trichlorobenzene	11.093	180	34656	43.383	ng		97
31) Naphthalene	11.286	128	95249	41.740	ng		97
32) Benzoic acid	10.517	122	21394m	65.349	ng		
33) 4-Chloroaniline	11.386	127	42659	41.222	ng		99
34) Hexachlorobutadiene	11.563	225	28789	49.543	ng		97
35) Caprolactam	12.156	113	12364	50.434	ng		92
36) 4-Chloro-3-methylphenol	12.473	107	42961	52.066	ng		96
37) 2-Methylnaphthalene	12.861	142	94185	54.188	ng		99
38) 1-Methylnaphthalene	13.078	142	88925	53.578	ng		95
40) 1,2,4,5-Tetrachloroben...	13.219	216	60019	56.479	ng		99
41) Hexachlorocyclopentadiene	13.196	237	31469	64.226	ng		91
43) 2,4,6-Trichlorophenol	13.454	196	36688	52.412	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.530	196	42385	51.828	ng		95
46) 1,1'-Biphenyl	13.848	154	122623	49.661	ng		98
47) 2-Chloronaphthalene	13.901	162	95210	53.647	ng		98
48) 2-Nitroaniline	14.089	65	28868	48.155	ng		91
49) Acenaphthylene	14.735	152	147254	51.446	ng		98
50) Dimethylphthalate	14.447	163	119734	46.903	ng		99
51) 2,6-Dinitrotoluene	14.570	165	27839	51.374	ng		96
52) Acenaphthene	15.075	154	80444	44.206	ng		91
53) 3-Nitroaniline	14.905	138	28928	51.996	ng		93
54) 2,4-Dinitrophenol	15.117	184	14942	49.250	ng		95
55) Dibenzofuran	15.404	168	134601	45.991	ng		98
56) 4-Nitrophenol	15.199	139	16952	45.755	ng		90
57) 2,4-Dinitrotoluene	15.357	165	35628	46.641	ng		96
58) Fluorene	16.051	166	150695	59.121	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.622	232	36353	53.697	ng	#	93
60) Diethylphthalate	15.792	149	157737	60.769	ng		99
61) 4-Chlorophenyl-phenyle...	16.027	204	87005	59.051	ng		96
62) 4-Nitroaniline	16.068	138	36337	64.425	ng		95
63) Azobenzene	16.321	77	153889	63.765	ng		98
65) 4,6-Dinitro-2-methylph...	16.121	198	30750	41.369	ng		98
66) n-Nitrosodiphenylamine	16.244	169	128457	39.416	ng		100
67) 4-Bromophenyl-phenylether	16.920	248	55143	39.668	ng		100
68) Hexachlorobenzene	17.055	284	57803	38.979	ng		98
69) Atrazine	17.173	200	49836	40.693	ng		97
70) Pentachlorophenol	17.396	266	32810	41.792	ng		93
71) Phenanthrene	17.789	178	236050	41.478	ng		100
72) Anthracene	17.883	178	240043	40.840	ng		100
73) Carbazole	18.148	167	211298	42.950	ng		98
74) Di-n-butylphthalate	18.665	149	261728	45.400	ng		99
75) Fluoranthene	19.781	202	285049	42.661	ng		97
77) Benzidine	19.939	184	98164	38.152	ng		99
78) Pyrene	20.139	202	289091	41.200	ng		99
80) Butylbenzylphthalate	20.991	149	109511	42.469	ng		95
81) Benzo(a)anthracene	22.043	228	276854	41.331	ng		98
82) 3,3'-Dichlorobenzidine	21.937	252	92629	40.732	ng		94
83) Chrysene	22.113	228	263495	42.587	ng		96
84) Bis(2-ethylhexyl)phtha...	21.890	149	154482	43.669	ng		97
85) Di-n-octyl phthalate	23.200	149	254618	42.661	ng		100
87) Indeno(1,2,3-cd)pyrene	29.679	276	317232	41.957	ng	#	97
88) Benzo(b)fluoranthene	24.463	252	272765	42.016	ng		97
89) Benzo(k)fluoranthene	24.539	252	270673	41.209	ng		98
90) Benzo(a)pyrene	25.426	252	259830	41.457	ng		94
91) Dibenzo(a,h)anthracene	29.738	278	266231	41.959	ng		98
92) Benzo(g,h,i)perylene	30.954	276	252960	41.763	ng		99

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

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