Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041621\
Data File : BG048719.D
Acq On : 16 Apr 2021 10:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 16 12:20:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 12:19:56 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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4/19/2021 11:44:06 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.086	152	24764	20.00	ng		0.00
21) Naphthalene-d8	10.912	136	104341	20.00	ng		# 0.00
39) Acenaphthene-d10	14.743	164	69989	20.00	ng		0.00
64) Phenanthrene-d10	17.499	188	164081	20.00	ng		# 0.00
76) Chrysene-d12	21.805	240	145654	20.00	ng		0.00
86) Perylene-d12	25.149	264	149124	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.630	112	120745	81.55	ng		0.00
7) Phenol-d6	7.246	99	170902	81.60	ng		0.00
23) Nitrobenzene-d5	9.261	82	180856	77.60	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	76297	81.30	ng		0.00
45) 2-Fluorobiphenyl	13.362	172	392347	80.96	ng		0.00
79) Terphenyl-d14	20.107	244	670065	79.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.492	88	21604	37.24	ng		98
3) Pyridine	3.897	79	61081	40.39	ng		90
4) n-Nitrosodimethylamine	3.815	42	44870	38.86	ng		98
6) Aniline	7.405	93	99314	42.25	ng		96
8) 2-Chlorophenol	7.651	128	65508	41.70	ng		91
9) Benzaldehyde	7.217	77	52217	37.63	ng		94
10) Phenol	7.270	94	82889	40.25	ng		98
11) bis(2-Chloroethyl)ether	7.499	93	58047	41.82	ng		94
12) 1,3-Dichlorobenzene	7.975	146	74386	41.19	ng		92
13) 1,4-Dichlorobenzene	8.121	146	74247	40.34	ng		93
14) 1,2-Dichlorobenzene	8.439	146	72940	42.95	ng		96
15) Benzyl Alcohol	8.327	79	73563	39.86	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.621	45	60743	40.37	ng		98
17) 2-Methylphenol	8.527	107	55249	42.02	ng		96
18) Hexachloroethane	9.179	117	28870	39.94	ng		95
19) n-Nitroso-di-n-propyla...	8.897	70	60711	42.97	ng		98
20) 3+4-Methylphenols	8.868	107	76867	42.37	ng		95
22) Acetophenone	8.915	105	104105	38.33	ng	#	94
24) Nitrobenzene	9.302	77	91692	39.44	ng		95
25) Isophorone	9.825	82	158241	38.40	ng		97
26) 2-Nitrophenol	10.019	139	39086	38.85	ng		97
27) 2,4-Dimethylphenol	10.078	122	61145	39.53	ng		89
28) bis(2-Chloroethoxy)met...	10.307	93	71650	39.90	ng		94
29) 2,4-Dichlorophenol	10.560	162	69314	39.73	ng		95
30) 1,2,4-Trichlorobenzene	10.771	180	78105	38.61	ng		94
31) Naphthalene	10.965	128	211154	39.44	ng		99
32) Benzoic acid	10.243	122	29062m	32.07	ng		
33) 4-Chloroaniline	11.071	127	89968	40.38	ng		96
34) Hexachlorobutadiene	11.247	225	59439	39.58	ng		94
35) Caprolactam	11.852	113	23346	39.38	ng		85
36) 4-Chloro-3-methylphenol	12.199	107	75584	38.26	ng		88
37) 2-Methylnaphthalene	12.569	142	163813	38.29	ng		99
38) 1-Methylnaphthalene	12.787	142	155045	38.95	ng		99
40) 1,2,4,5-Tetrachloroben...	12.934	216	94067	41.29	ng		98
41) Hexachlorocyclopentadiene	12.910	237	56160	47.75	ng		95
43) 2,4,6-Trichlorophenol	13.174	196	62287	40.97	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	65170	40.36	ng		89
46) 1,1'-Biphenyl	13.574	154	212518	41.11	ng		95
47) 2-Chloronaphthalene	13.621	162	160983	40.76	ng		97
48) 2-Nitroaniline	13.821	65	58105	40.95	ng		93
49) Acenaphthylene	14.467	152	249417	40.48	ng		97
50) Dimethylphthalate	14.191	163	209694	39.94	ng		97
51) 2,6-Dinitrotoluene	14.314	165	48228	39.82	ng		95
52) Acenaphthene	14.808	154	161688	41.33	ng		99
53) 3-Nitroaniline	14.649	138	46925	40.36	ng		99
54) 2,4-Dinitrophenol	14.855	184	24189	36.35	ng		95
55) Dibenzofuran	15.143	168	258673	39.94	ng	#	96
56) 4-Nitrophenol	14.966	139	34081	39.56	ng		91
57) 2,4-Dinitrotoluene	15.102	165	71847	40.85	ng		95
58) Fluorene	15.795	166	214883	40.40	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.372	232	57642	38.59	ng		98
60) Diethylphthalate	15.554	149	216149	39.80	ng		97
61) 4-Chlorophenyl-phenyle...	15.783	204	114918	39.29	ng		98
62) 4-Nitroaniline	15.812	138	49563	39.87	ng		94
63) Azobenzene	16.077	77	215735	39.44	ng		92
65) 4,6-Dinitro-2-methylph...	15.871	198	45889	41.77	ng		89
66) n-Nitrosodiphenylamine	15.995	169	189950	40.96	ng		95
67) 4-Bromophenyl-phenylether	16.676	248	76048	40.27	ng		97
68) Hexachlorobenzene	16.800	284	79415	41.52	ng		95
69) Atrazine	16.946	200	79958	41.46	ng		98
70) Pentachlorophenol	17.146	266	40510	39.74	ng		97
71) Phenanthrene	17.546	178	347125	40.76	ng		96
72) Anthracene	17.634	178	343357	40.75	ng		98
73) Carbazole	17.904	167	320987	39.77	ng		96
74) Di-n-butylphthalate	18.451	149	361358	39.93	ng		99
75) Fluoranthene	19.555	202	419158	38.92	ng		97
77) Benzidine	19.731	184	198227	50.12	ng		98
78) Pyrene	19.919	202	412066	40.89	ng		98
80) Butylbenzylphthalate	20.795	149	151706	38.50	ng		96
81) Benzo(a)anthracene	21.782	228	386852	38.87	ng		97
82) 3,3'-Dichlorobenzidine	21.694	252	133411	39.09	ng		98
83) Chrysene	21.852	228	364868	38.48	ng		97
84) Bis(2-ethylhexyl)phtha...	21.670	149	212469	38.52	ng		98
85) Di-n-octyl phthalate	22.928	149	358873	38.21	ng		100
87) Indeno(1,2,3-cd)pyrene	28.997	276	420598	38.40	ng	#	80
88) Benzo(b)fluoranthene	24.085	252	394705	39.01	ng		98
89) Benzo(k)fluoranthene	24.156	252	368073	38.69	ng		99
90) Benzo(a)pyrene	24.996	252	359683	38.59	ng	#	99
91) Dibenzo(a,h)anthracene	29.068	278	355625	37.86	ng	#	95
92) Benzo(g,h,i)perylene	30.201	276	350243	37.77	ng	#	97

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

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