Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040721\
Data File : BG048615.D
Acq On : 7 Apr 2021 13:15
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 07 14:01:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 07 10:06:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.092	152	27739	20.00	ng		0.00
21) Naphthalene-d8	10.918	136	100110	20.00	ng		0.00
39) Acenaphthene-d10	14.743	164	70517	20.00	ng		0.00
64) Phenanthrene-d10	17.499	188	169607	20.00	ng		# 0.00
76) Chrysene-d12	21.799	240	178026	20.00	ng		0.00
86) Perylene-d12	25.137	264	185794	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.636	112	123477	78.59	ng		0.00
7) Phenol-d6	7.240	99	168301	73.86	ng		0.00
23) Nitrobenzene-d5	9.261	82	163086	78.87	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	79956	86.26	ng		0.00
45) 2-Fluorobiphenyl	13.362	172	383435	80.82	ng		0.00
79) Terphenyl-d14	20.107	244	766473	78.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.497	88	23620	37.37	ng		93
3) Pyridine	3.909	79	60128	37.94	ng		93
4) n-Nitrosodimethylamine	3.820	42	39858	38.49	ng		86
6) Aniline	7.405	93	90732	34.67	ng		97
8) 2-Chlorophenol	7.651	128	66675	37.55	ng		98
9) Benzaldehyde	7.222	77	49622	34.07	ng		87
10) Phenol	7.269	94	79515	34.86	ng		98
11) bis(2-Chloroethyl)ether	7.504	93	55930	35.33	ng		93
12) 1,3-Dichlorobenzene	7.980	146	75848	37.92	ng		97
13) 1,4-Dichlorobenzene	8.127	146	78490	38.92	ng		96
14) 1,2-Dichlorobenzene	8.444	146	72043	37.30	ng		88
15) Benzyl Alcohol	8.327	79	66759	35.77	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.615	45	54096	35.43	ng		96
17) 2-Methylphenol	8.533	107	53321	36.12	ng		86
18) Hexachloroethane	9.185	117	27660	36.91	ng	#	76
19) n-Nitroso-di-n-propyla...	8.897	70	54691	34.82	ng	#	92
20) 3+4-Methylphenols	8.862	107	70607	34.46	ng		83
22) Acetophenone	8.915	105	100890	39.09	ng	#	97
24) Nitrobenzene	9.302	77	84227	41.51	ng		98
25) Isophorone	9.831	82	147023	38.50	ng		97
26) 2-Nitrophenol	10.019	139	38759	41.57	ng	#	85
27) 2,4-Dimethylphenol	10.072	122	58127	39.62	ng		95
28) bis(2-Chloroethoxy)met...	10.313	93	64871	37.06	ng	#	94
29) 2,4-Dichlorophenol	10.560	162	65851	39.64	ng		93
30) 1,2,4-Trichlorobenzene	10.777	180	78938	41.35	ng		99
31) Naphthalene	10.971	128	208349	40.48	ng		99
32) Benzoic acid	10.207	122	39044	34.59	ng		88
33) 4-Chloroaniline	11.071	127	84504	38.90	ng		96
34) Hexachlorobutadiene	11.247	225	59677	42.81	ng		95
35) Caprolactam	11.846	113	22514	37.15	ng	#	69
36) 4-Chloro-3-methylphenol	12.193	107	71977	38.58	ng		97
37) 2-Methylnaphthalene	12.575	142	161921	39.51	ng		93
38) 1-Methylnaphthalene	12.792	142	154902	39.64	ng		94
40) 1,2,4,5-Tetrachloroben...	12.939	216	90685	41.48	ng		97
41) Hexachlorocyclopentadiene	12.916	237	47074	37.17	ng		90
43) 2,4,6-Trichlorophenol	13.174	196	63868	42.51	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.256	196	65702	40.87	ng		95
46) 1,1'-Biphenyl	13.574	154	210655	40.88	ng		100
47) 2-Chloronaphthalene	13.621	162	157456	40.11	ng		96
48) 2-Nitroaniline	13.821	65	49650	39.79	ng		94
49) Acenaphthylene	14.467	152	248850	40.44	ng		96
50) Dimethylphthalate	14.191	163	205792	39.32	ng		99
51) 2,6-Dinitrotoluene	14.314	165	48430	40.45	ng		96
52) Acenaphthene	14.808	154	161640	36.31	ng		99
53) 3-Nitroaniline	14.643	138	47598	40.54	ng		93
54) 2,4-Dinitrophenol	14.855	184	29831	44.30	ng	#	82
55) Dibenzofuran	15.143	168	259413	39.90	ng		95
56) 4-Nitrophenol	14.954	139	39292	41.46	ng		97
57) 2,4-Dinitrotoluene	15.101	165	72892	43.03	ng		95
58) Fluorene	15.795	166	211396	38.85	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.366	232	64157	40.91	ng		99
60) Diethylphthalate	15.554	149	216694	40.29	ng	#	95
61) 4-Chlorophenyl-phenyle...	15.783	204	116287	39.72	ng		94
62) 4-Nitroaniline	15.812	138	54850	44.66	ng		97
63) Azobenzene	16.077	77	195066	36.87	ng		93
65) 4,6-Dinitro-2-methylph...	15.865	198	47623	46.73	ng		92
66) n-Nitrosodiphenylamine	15.994	169	190740	39.53	ng		98
67) 4-Bromophenyl-phenylether	16.682	248	75664	40.24	ng		97
68) Hexachlorobenzene	16.799	284	79073	40.28	ng		96
69) Atrazine	16.946	200	80113	40.71	ng		95
70) Pentachlorophenol	17.146	266	51974	42.59	ng		91
71) Phenanthrene	17.540	178	358721	40.74	ng		97
72) Anthracene	17.634	178	357267	40.72	ng		97
73) Carbazole	17.904	167	344971	41.46	ng		97
74) Di-n-butylphthalate	18.450	149	393869	42.37	ng		98
75) Fluoranthene	19.555	202	473663	43.39	ng		99
77) Benzidine	19.731	184	227647	37.76	ng		99
78) Pyrene	19.913	202	471426	38.51	ng		98
80) Butylbenzylphthalate	20.795	149	185006	40.69	ng		97
81) Benzo(a)anthracene	21.776	228	475419	39.97	ng		98
82) 3,3'-Dichlorobenzidine	21.688	252	165112	40.41	ng		92
83) Chrysene	21.846	228	459584	40.49	ng		97
84) Bis(2-ethylhexyl)phtha...	21.670	149	267735	42.28	ng	#	96
85) Di-n-octyl phthalate	22.922	149	457466	41.44	ng		100
87) Indeno(1,2,3-cd)pyrene	28.973	276	515698	39.59	ng	#	93
88) Benzo(b)fluoranthene	24.073	252	494374	40.97	ng	#	98
89) Benzo(k)fluoranthene	24.150	252	465517	40.13	ng		97
90) Benzo(a)pyrene	24.984	252	452289	40.67	ng		97
91) Dibenzo(a,h)anthracene	29.056	278	438375	39.43	ng		100
92) Benzo(g,h,i)perylene	30.190	276	412048	37.85	ng		96

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

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