Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040921\
Data File : BG048642.D
Acq On : 9 Apr 2021 12:35
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 09 13:15:00 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	8.085	152	26974	20.00	ng		#-0.01
21) Naphthalene-d8	10.917	136	109442	20.00	ng		0.00
39) Acenaphthene-d10	14.742	164	79616	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	193361	20.00	ng		0.00
76) Chrysene-d12	21.793	240	178739	20.00	ng		# 0.00
86) Perylene-d12	25.136	264	181742	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.629	112	120537	78.89	ng		0.00
7) Phenol-d6	7.239	99	171231	77.28	ng		0.00
23) Nitrobenzene-d5	9.261	82	171655	75.94	ng		0.00
42) 2,4,6-Tribromophenol	16.235	330	92789	88.66	ng		0.00
45) 2-Fluorobiphenyl	13.362	172	431346	80.53	ng		0.00
79) Terphenyl-d14	20.107	244	786392	80.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.497	88	20671	33.63	ng		93
3) Pyridine	3.902	79	58803	38.16	ng		97
4) n-Nitrosodimethylamine	3.814	42	39606	39.33	ng		93
6) Aniline	7.404	93	96561	37.94	ng		97
8) 2-Chlorophenol	7.651	128	68412	39.62	ng		93
9) Benzaldehyde	7.216	77	49421	34.89	ng		97
10) Phenol	7.269	94	84888	38.27	ng		99
11) bis(2-Chloroethyl)ether	7.504	93	55683	36.17	ng		97
12) 1,3-Dichlorobenzene	7.980	146	78025	40.11	ng		98
13) 1,4-Dichlorobenzene	8.127	146	78239	39.90	ng		93
14) 1,2-Dichlorobenzene	8.450	146	76819	40.90	ng	#	89
15) Benzyl Alcohol	8.326	79	69744	38.42	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.620	45	56460	38.02	ng		93
17) 2-Methylphenol	8.532	107	58346	40.65	ng		89
18) Hexachloroethane	9.184	117	28816	39.54	ng	#	75
19) n-Nitroso-di-n-propyla...	8.896	70	56055	36.70	ng		91
20) 3+4-Methylphenols	8.861	107	77523	38.91	ng		88
22) Acetophenone	8.914	105	107888	38.24	ng		96
24) Nitrobenzene	9.302	77	85002	38.32	ng		97
25) Isophorone	9.825	82	159544	38.22	ng		99
26) 2-Nitrophenol	10.018	139	41100	40.32	ng		97
27) 2,4-Dimethylphenol	10.071	122	64422	40.17	ng		97
28) bis(2-Chloroethoxy)met...	10.306	93	73143	38.23	ng		97
29) 2,4-Dichlorophenol	10.559	162	76037	41.87	ng		95
30) 1,2,4-Trichlorobenzene	10.776	180	82135	39.36	ng		97
31) Naphthalene	10.970	128	229120	40.72	ng		98
32) Benzoic acid	10.212	122	45555	36.92	ng		97
33) 4-Chloroaniline	11.070	127	96343	40.57	ng		96
34) Hexachlorobutadiene	11.246	225	63028	41.36	ng		88
35) Caprolactam	11.846	113	25587	38.62	ng	#	73
36) 4-Chloro-3-methylphenol	12.192	107	81520	39.97	ng		98
37) 2-Methylnaphthalene	12.568	142	181701	40.56	ng		97
38) 1-Methylnaphthalene	12.786	142	168646	39.47	ng		99
40) 1,2,4,5-Tetrachloroben...	12.933	216	102491	41.53	ng		96
41) Hexachlorocyclopentadiene	12.915	237	50654	35.43	ng		87
43) 2,4,6-Trichlorophenol	13.174	196	70423	41.51	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.250	196	76381	42.09	ng		93
46) 1,1'-Biphenyl	13.573	154	229208	39.40	ng		99
47) 2-Chloronaphthalene	13.620	162	179228	40.44	ng		99
48) 2-Nitroaniline	13.820	65	56578	40.16	ng		92
49) Acenaphthylene	14.466	152	279290	40.20	ng		97
50) Dimethylphthalate	14.190	163	238419	40.35	ng		98
51) 2,6-Dinitrotoluene	14.313	165	55572	41.11	ng		96
52) Acenaphthene	14.807	154	183315	36.48	ng		97
53) 3-Nitroaniline	14.642	138	52966	39.95	ng		95
54) 2,4-Dinitrophenol	14.848	184	32034	42.14	ng		93
55) Dibenzofuran	15.142	168	293760	40.02	ng		96
56) 4-Nitrophenol	14.954	139	43597	40.74	ng	#	80
57) 2,4-Dinitrotoluene	15.101	165	81805	42.78	ng		100
58) Fluorene	15.788	166	248441	40.44	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.365	232	75246	42.50	ng		97
60) Diethylphthalate	15.553	149	246644	40.62	ng		98
61) 4-Chlorophenyl-phenyle...	15.782	204	135524	41.00	ng		96
62) 4-Nitroaniline	15.812	138	56756	40.93	ng		95
63) Azobenzene	16.076	77	219086	36.68	ng		96
65) 4,6-Dinitro-2-methylph...	15.865	198	54313	46.75	ng		94
66) n-Nitrosodiphenylamine	15.994	169	215671	39.20	ng		98
67) 4-Bromophenyl-phenylether	16.675	248	86226	40.23	ng		98
68) Hexachlorobenzene	16.799	284	93249	41.67	ng		94
69) Atrazine	16.940	200	90443	40.31	ng		94
70) Pentachlorophenol	17.145	266	58214	41.85	ng		95
71) Phenanthrene	17.539	178	401780	40.03	ng		98
72) Anthracene	17.633	178	397313	39.72	ng		99
73) Carbazole	17.897	167	372319	39.25	ng		98
74) Di-n-butylphthalate	18.450	149	424836	40.09	ng		99
75) Fluoranthene	19.548	202	491264	39.48	ng		97
77) Benzidine	19.725	184	199862	33.02	ng		98
78) Pyrene	19.913	202	498333	40.55	ng		99
80) Butylbenzylphthalate	20.788	149	189065	41.42	ng		98
81) Benzo(a)anthracene	21.769	228	475616	39.83	ng		98
82) 3,3'-Dichlorobenzidine	21.681	252	164563	40.11	ng		100
83) Chrysene	21.840	228	454778	39.91	ng		95
84) Bis(2-ethylhexyl)phtha...	21.664	149	261665	41.15	ng		100
85) Di-n-octyl phthalate	22.915	149	444390	40.09	ng	#	99
87) Indeno(1,2,3-cd)pyrene	28.967	276	494013	38.77	ng	#	93
88) Benzo(b)fluoranthene	24.067	252	490514	41.56	ng	#	95
89) Benzo(k)fluoranthene	24.137	252	459230	40.47	ng		99
90) Benzo(a)pyrene	24.977	252	443480	40.76	ng		99
91) Dibenzo(a,h)anthracene	29.026	278	425799	39.15	ng		98
92) Benzo(g,h,i)perylene	30.160	276	396459	37.23	ng		99

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

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