Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055798.D
Acq On : 28 Nov 2022 9:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 29 02:04:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 02:02:15 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/29/2022
Supervised By :Jagrut Upadhyay 11/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	45839	20.000	ng	0.00
21) Naphthalene-d8	11.063	136	191609	20.000	ng	0.00
39) Acenaphthene-d10	14.859	164	138574	20.000	ng	0.00
64) Phenanthrene-d10	17.597	188	320343	20.000	ng	0.00
76) Chrysene-d12	21.892	240	303707	20.000	ng	0.00
86) Perylene-d12	25.288	264	326614	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	197463	77.863	ng	0.00
7) Phenol-d6	7.379	99	271215	80.340	ng	0.00
23) Nitrobenzene-d5	9.406	82	291777	80.486	ng	0.00
42) 2,4,6-Tribromophenol	16.339	330	151036	77.403	ng	0.00
45) 2-Fluorobiphenyl	13.484	172	716723	77.485	ng	0.00
79) Terphenyl-d14	20.182	244	1164012	76.658	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.590	88	41773	38.544	ng	99
3) Pyridine	4.001	79	134556m	40.471	ng	
4) n-Nitrosodimethylamine	3.913	42	69826	39.668	ng	98
6) Aniline	7.544	93	173982	41.032	ng	99
8) 2-Chlorophenol	7.791	128	115221	39.743	ng	98
9) Benzaldehyde	7.362	77	82105	35.812	ng	97
10) Phenol	7.409	94	152041	40.223	ng	99
11) bis(2-Chloroethyl)ether	7.638	93	114118	39.395	ng	99
12) 1,3-Dichlorobenzene	8.120	146	131654	38.625	ng	97
13) 1,4-Dichlorobenzene	8.266	146	132664	38.517	ng	99
14) 1,2-Dichlorobenzene	8.590	146	126894	38.446	ng	96
15) Benzyl Alcohol	8.466	79	110434	40.252	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.754	45	209474	39.946	ng	99
17) 2-Methylphenol	8.672	107	108771	40.532	ng	99
18) Hexachloroethane	9.324	117	46335	39.085	ng	99
19) n-Nitroso-di-n-propyla...	9.036	70	106811	41.179	ng	99
20) 3+4-Methylphenols	9.001	107	154794	41.292	ng	96
22) Acetophenone	9.060	105	194174	38.999	ng	97
24) Nitrobenzene	9.447	77	151141	39.915	ng	99
25) Isophorone	9.970	82	277726	40.433	ng	99
26) 2-Nitrophenol	10.164	139	74783	42.781	ng	93
27) 2,4-Dimethylphenol	10.211	122	106448m	40.012	ng	
28) bis(2-Chloroethoxy)met...	10.446	93	148350	40.231	ng	100
29) 2,4-Dichlorophenol	10.705	162	127621	40.078	ng	98
30) 1,2,4-Trichlorobenzene	10.922	180	141145	38.153	ng	97
31) Naphthalene	11.110	128	405967	39.193	ng	99
32) Benzoic acid	10.364	122	77268	35.301	ng	96
33) 4-Chloroaniline	11.216	127	171800	40.207	ng	97
34) Hexachlorobutadiene	11.386	225	94199	37.290	ng	98
35) Caprolactam	11.986	113	44469	40.355	ng	100
36) 4-Chloro-3-methylphenol	12.321	107	143980	41.139	ng	98
37) 2-Methylnaphthalene	12.702	142	309644	39.925	ng	99
38) 1-Methylnaphthalene	12.920	142	299275	39.750	ng	99
40) 1,2,4,5-Tetrachloroben...	13.061	216	171127	39.297	ng	99
41) Hexachlorocyclopentadiene	13.037	237	74764	34.064	ng	99
43) 2,4,6-Trichlorophenol	13.296	196	118945	40.041	ng	98

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44)	2,4,5-Trichlorophenol	13.378	196	128670	39.416	ng		98
46)	1,1'-Biphenyl	13.695	154	399228	39.535	ng		98
47)	2-Chloronaphthalene	13.742	162	307816	39.218	ng		98
48)	2-Nitroaniline	13.942	65	109162	42.302	ng		94
49)	Acenaphthylene	14.583	152	512498	39.652	ng		100
50)	Dimethylphthalate	14.301	163	435099	39.388	ng		99
51)	2,6-Dinitrotoluene	14.424	165	93152	41.242	ng		97
52)	Acenaphthene	14.923	154	339322m	40.169	ng		
53)	3-Nitroaniline	14.759	138	101027	40.745	ng		99
54)	2,4-Dinitrophenol	14.964	184	54118	41.673	ng		97
55)	Dibenzofuran	15.252	168	506891	38.897	ng		98
56)	4-Nitrophenol	15.064	139	76036	39.072	ng		98
57)	2,4-Dinitrotoluene	15.211	165	133452	41.907	ng		97
58)	Fluorene	15.899	166	404928	38.905	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.476	232	120706	38.161	ng		98
60)	Diethylphthalate	15.652	149	435678	39.010	ng		99
61)	4-Chlorophenyl-phenyle...	15.881	204	220261	38.498	ng		99
62)	4-Nitroaniline	15.916	138	103369	39.882	ng		97
63)	Azobenzene	16.175	77	386185	39.607	ng		99
65)	4,6-Dinitro-2-methylph...	15.975	198	82127	45.913	ng		98
66)	n-Nitrosodiphenylamine	16.098	169	358934	40.657	ng		99
67)	4-Bromophenyl-phenylether	16.774	248	145973	39.993	ng		97
68)	Hexachlorobenzene	16.903	284	160903	39.757	ng		99
69)	Atrazine	17.033	200	135800	38.894	ng		99
70)	Pentachlorophenol	17.250	266	92422	37.330	ng		99
71)	Phenanthrene	17.644	178	683476	39.537	ng		99
72)	Anthracene	17.732	178	663623	39.510	ng		99
73)	Carbazole	17.996	167	594181	39.350	ng		99
74)	Di-n-butylphthalate	18.531	149	733577	39.125	ng		100
75)	Fluoranthene	19.635	202	788900	37.511	ng		99
77)	Benzidine	19.806	184	277467	39.491	ng		99
78)	Pyrene	20.000	202	807052	39.259	ng		99
80)	Butylbenzylphthalate	20.863	149	326952	40.627	ng		98
81)	Benzo(a)anthracene	21.874	228	812060	38.821	ng		99
82)	3,3'-Dichlorobenzidine	21.774	252	288747	39.284	ng		98
83)	Chrysene	21.945	228	776534	38.995	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.739	149	467891	40.455	ng		98
85)	Di-n-octyl phthalate	23.008	149	796929	40.264	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.212	276	974329	36.414	ng	#	94
88)	Benzo(b)fluoranthene	24.207	252	803555	37.777	ng		100
89)	Benzo(k)fluoranthene	24.277	252	821997	38.768	ng		99
90)	Benzo(a)pyrene	25.129	252	694350	38.040	ng		99
91)	Dibenzo(a,h)anthracene	29.265	278	809785	37.035	ng		99
92)	Benzo(g,h,i)perylene	30.435	276	792592	35.966	ng		99

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

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