Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071822\
Data File : BM035855.D
Acq On : 18 Jul 2022 15:06
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 18 16:33:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 15:11:09 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	419139	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1616333	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	878470	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	1659822	20.000	ng		0.00
76) Chrysene-d12	21.450	240	1538171	20.000	ng		0.00
86) Perylene-d12	23.827	264	1576913	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	2631280	101.970	ng		0.00
7) Phenol-d6	7.069	99	3343280	103.579	ng		0.00
23) Nitrobenzene-d5	9.075	82	3024414	106.969	ng		0.00
42) 2,4,6-Tribromophenol	16.021	330	998411	111.918	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	6129023	97.301	ng		0.00
79) Terphenyl-d14	19.898	244	7726069	97.504	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	535113	49.162	ng		93
3) Pyridine	3.728	79	1439711m	50.964	ng		
4) n-Nitrosodimethylamine	3.646	42	613377	49.330	ng	#	65
6) Aniline	7.228	93	1828840	50.703	ng		96
8) 2-Chlorophenol	7.463	128	1366089	50.846	ng		96
9) Benzaldehyde	7.040	77	867375	49.235	ng		95
10) Phenol	7.098	94	1670961	51.412	ng		90
11) bis(2-Chloroethyl)ether	7.334	93	1349626	50.366	ng		95
12) 1,3-Dichlorobenzene	7.787	146	1511376	49.069	ng		98
13) 1,4-Dichlorobenzene	7.940	146	1543115	49.187	ng		99
14) 1,2-Dichlorobenzene	8.257	146	1475732	48.745	ng		99
15) Benzyl Alcohol	8.145	79	1101124	53.049	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1737896	50.242	ng		97
17) 2-Methylphenol	8.351	107	1079097	51.500	ng		95
18) Hexachloroethane	8.987	117	562796	50.980	ng		96
19) n-Nitroso-di-n-propyla...	8.722	70	963995	52.006	ng		88
20) 3+4-Methylphenols	8.681	107	1462342	52.143	ng		96
22) Acetophenone	8.734	105	1990538	51.015	ng	#	92
24) Nitrobenzene	9.116	77	1399928	52.546	ng		95
25) Isophorone	9.639	82	2361173	52.726	ng		99
26) 2-Nitrophenol	9.822	139	668737	68.359	ng		92
27) 2,4-Dimethylphenol	9.887	122	1012627	52.703	ng		98
28) bis(2-Chloroethoxy)met...	10.128	93	1628313	51.572	ng		100
29) 2,4-Dichlorophenol	10.357	162	1129856	53.713	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	1289438	49.602	ng		98
31) Naphthalene	10.757	128	4047227	49.580	ng		99
32) Benzoic acid	10.039	122	812074	72.085	ng		93
33) 4-Chloroaniline	10.875	127	1632944	50.595	ng		95
34) Hexachlorobutadiene	11.045	225	743859	49.615	ng		99
35) Caprolactam	11.669	113	345263	58.733	ng		93
36) 4-Chloro-3-methylphenol	11.998	107	1146678	53.908	ng		98
37) 2-Methylnaphthalene	12.369	142	2637169	49.117	ng		97
38) 1-Methylnaphthalene	12.586	142	2548745	48.731	ng		100
40) 1,2,4,5-Tetrachloroben...	12.733	216	1263146	49.670	ng		98
41) Hexachlorocyclopentadiene	12.710	237	703468	53.038	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	847683	57.211	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.045	196	883821	55.606	ng	98
46)	1,1'-Biphenyl	13.380	154	3326302	49.855	ng	99
47)	2-Chloronaphthalene	13.416	162	2547279	49.867	ng	98
48)	2-Nitroaniline	13.622	65	731723	62.620	ng	94
49)	Acenaphthylene	14.263	152	3920667	50.779	ng	100
50)	Dimethylphthalate	14.004	163	2852829	50.386	ng	99
51)	2,6-Dinitrotoluene	14.116	165	613646	54.854	ng	94
52)	Acenaphthene	14.604	154	2334422	49.537	ng	100
53)	3-Nitroaniline	14.445	138	748259	56.703	ng	97
54)	2,4-Dinitrophenol	14.645	184	314222	73.818	ng	91
55)	Dibenzofuran	14.933	168	3731387	48.965	ng	97
56)	4-Nitrophenol	14.751	139	583087	56.864	ng	84
57)	2,4-Dinitrotoluene	14.898	165	822924	58.086	ng	98
58)	Fluorene	15.580	166	2943732	48.688	ng	97
59)	2,3,4,6-Tetrachlorophenol	15.157	232	714594	54.534	ng	97
60)	Diethylphthalate	15.363	149	2851088	51.182	ng	100
61)	4-Chlorophenyl-phenyle...	15.580	204	1431729	47.696	ng	96
62)	4-Nitroaniline	15.610	138	774069	56.893	ng	90
63)	Azobenzene	15.868	77	2933962	50.823	ng	93
65)	4,6-Dinitro-2-methylph...	15.657	198	437127	69.960	ng	95
66)	n-Nitrosodiphenylamine	15.792	169	2440564	51.420	ng	100
67)	4-Bromophenyl-phenylether	16.468	248	839803	51.089	ng	96
68)	Hexachlorobenzene	16.574	284	970894	50.009	ng	94
69)	Atrazine	16.745	200	618689	50.449	ng	98
70)	Pentachlorophenol	16.921	266	560374	55.870	ng	98
71)	Phenanthrene	17.315	178	4301919	49.337	ng	99
72)	Anthracene	17.410	178	4226728	50.388	ng	99
73)	Carbazole	17.680	167	4252270	50.388	ng	99
74)	Di-n-butylphthalate	18.251	149	4487354	54.653	ng	99
75)	Fluoranthene	19.327	202	4746106	48.671	ng	97
77)	Benzidine	19.515	184	1110781	51.582	ng	99
78)	Pyrene	19.692	202	4936004	51.099	ng	99
80)	Butylbenzylphthalate	20.598	149	1855913	63.113	ng	97
81)	Benzo(a)anthracene	21.433	228	4833223	50.089	ng	99
82)	3,3'-Dichlorobenzidine	21.368	252	1141244	58.339	ng	99
83)	Chrysene	21.486	228	4588797	49.257	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.374	149	2667578	58.340	ng	99
85)	Di-n-octyl phthalate	22.297	149	4276313	56.807	ng	97
87)	Indeno(1,2,3-cd)pyrene	26.315	276	5908426	51.452	ng	99
88)	Benzo(b)fluoranthene	23.103	252	4592231	48.216	ng	98
89)	Benzo(k)fluoranthene	23.156	252	4898709	49.175	ng	99
90)	Benzo(a)pyrene	23.727	252	4016662	50.404	ng	99
91)	Dibenzo(a,h)anthracene	26.333	278	4888949	51.322	ng	98
92)	Benzo(g,h,i)perylene	27.080	276	4800566	51.075	ng	98

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

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