Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061022\
Data File : BM035446.D
Acq On : 10 Jun 2022 13:15
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022

Quant Time: Jun 10 14:03:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 10 14:00:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	295562	20.000	ng		0.00
21) Naphthalene-d8	10.616	136	1236282	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	721240	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	1315669	20.000	ng	#	0.00
76) Chrysene-d12	21.397	240	1081177	20.000	ng		0.00
86) Perylene-d12	23.738	264	1078098	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	1419977	100.954	ng		0.00
7) Phenol-d6	7.004	99	1956903	101.853	ng		0.00
23) Nitrobenzene-d5	8.986	82	1850024	95.018	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	632356	54.645	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	4038469	80.422	ng		0.00
79) Terphenyl-d14	19.839	244	4531658	83.504	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	264396	56.034	ng		95
3) Pyridine	3.704	79	766149	59.543	ng		96
4) n-Nitrosodimethylamine	3.616	42	352535	72.611	ng		83
6) Aniline	7.151	93	1063838	50.655	ng		99
8) 2-Chlorophenol	7.387	128	806873	45.717	ng		99
9) Benzaldehyde	6.963	77	449716m	49.960	ng		
10) Phenol	7.028	94	954538	51.536	ng		95
11) bis(2-Chloroethyl)ether	7.251	93	760251	50.459	ng		99
12) 1,3-Dichlorobenzene	7.710	146	857528	41.604	ng		97
13) 1,4-Dichlorobenzene	7.851	146	870534	41.136	ng		100
14) 1,2-Dichlorobenzene	8.169	146	857365	41.316	ng		100
15) Benzyl Alcohol	8.069	79	666795	47.495	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.351	45	1278334	69.589	ng		97
17) 2-Methylphenol	8.275	107	658916	47.057	ng		96
18) Hexachloroethane	8.892	117	309698	44.866	ng		95
19) n-Nitroso-di-n-propyla...	8.633	70	615875	50.689	ng		98
20) 3+4-Methylphenols	8.610	107	916420	46.758	ng		95
22) Acetophenone	8.651	105	1224594	44.556	ng	#	98
24) Nitrobenzene	9.028	77	840070	47.632	ng		95
25) Isophorone	9.557	82	1512757	44.922	ng		98
26) 2-Nitrophenol	9.739	139	449411	38.941	ng		93
27) 2,4-Dimethylphenol	9.810	122	642538	41.984	ng		99
28) bis(2-Chloroethoxy)met...	10.033	93	1048565	45.056	ng		99
29) 2,4-Dichlorophenol	10.280	162	719673	34.487	ng		99
30) 1,2,4-Trichlorobenzene	10.486	180	787678	32.813	ng		99
31) Naphthalene	10.669	128	2505490	41.827	ng		100
32) Benzoic acid	9.998	122	558996	40.833	ng		93
33) 4-Chloroaniline	10.786	127	1033472	41.198	ng		98
34) Hexachlorobutadiene	10.957	225	440832	27.772	ng		96
35) Caprolactam	11.592	113	236652	38.531	ng	#	88
36) 4-Chloro-3-methylphenol	11.927	107	797898	41.475	ng		99
37) 2-Methylnaphthalene	12.280	142	1708128	37.790	ng		98
38) 1-Methylnaphthalene	12.504	142	1664562	37.578	ng		99
40) 1,2,4,5-Tetrachloroben...	12.657	216	818072	34.598	ng		99
41) Hexachlorocyclopentadiene	12.633	237	283087	27.892	ng		98
43) 2,4,6-Trichlorophenol	12.904	196	574861	36.020	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.986	196	616467	35.979	ng		97
46)	1,1'-Biphenyl	13.298	154	2230702	43.388	ng		99
47)	2-Chloronaphthalene	13.339	162	1688697	42.102	ng		98
48)	2-Nitroaniline	13.551	65	512089	57.451	ng		98
49)	Acenaphthylene	14.186	152	2647080	43.336	ng		100
50)	Dimethylphthalate	13.933	163	2064497	38.938	ng		99
51)	2,6-Dinitrotoluene	14.051	165	444451	39.269	ng		88
52)	Acenaphthene	14.527	154	1576160	42.614	ng		100
53)	3-Nitroaniline	14.380	138	484249	45.071	ng		99
54)	2,4-Dinitrophenol	14.598	184	238430	32.118	ng		93
55)	Dibenzofuran	14.863	168	2519404	39.659	ng		97
56)	4-Nitrophenol	14.715	139	331291	41.086	ng		88
57)	2,4-Dinitrotoluene	14.845	165	589930	38.077	ng		97
58)	Fluorene	15.515	166	1918647	38.657	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.098	232	499149	31.647	ng		96
60)	Diethylphthalate	15.292	149	2071232	39.503	ng		100
61)	4-Chlorophenyl-phenyle...	15.504	204	928513	32.617	ng		99
62)	4-Nitroaniline	15.545	138	471199	42.034	ng		87
63)	Azobenzene	15.798	77	1897867	50.979	ng		97
65)	4,6-Dinitro-2-methylph...	15.610	198	344302	38.955	ng		98
66)	n-Nitrosodiphenylamine	15.721	169	1682027	45.304	ng		99
67)	4-Bromophenyl-phenylether	16.398	248	566022	35.492	ng		98
68)	Hexachlorobenzene	16.521	284	610778	34.239	ng		95
69)	Atrazine	16.680	200	495573	36.272	ng		99
70)	Pentachlorophenol	16.868	266	322027	33.028	ng		99
71)	Phenanthrene	17.251	178	2865824	43.035	ng		99
72)	Anthracene	17.345	178	2795310	42.133	ng		100
73)	Carbazole	17.615	167	2716855	43.484	ng		98
74)	Di-n-butylphthalate	18.180	149	3252613	41.923	ng		99
75)	Fluoranthene	19.274	202	2940180	36.575	ng		98
77)	Benzidine	19.462	184	905887	44.510	ng		100
78)	Pyrene	19.633	202	3033827	46.273	ng		100
80)	Butylbenzylphthalate	20.533	149	1339191	48.088	ng		96
81)	Benzo(a)anthracene	21.380	228	2735936	41.216	ng		99
82)	3,3'-Dichlorobenzidine	21.315	252	663236	37.995	ng		98
83)	Chrysene	21.433	228	2627074	41.448	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.315	149	1954839	46.602	ng		99
85)	Di-n-octyl phthalate	22.215	149	3236460	44.142	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.168	276	3094485	43.269	ng	#	94
88)	Benzo(b)fluoranthene	23.033	252	2496729	40.208	ng	#	97
89)	Benzo(k)fluoranthene	23.080	252	2647682	41.668	ng	#	97
90)	Benzo(a)pyrene	23.638	252	2189463	41.412	ng	#	97
91)	Dibenzo(a,h)anthracene	26.174	278	2568606	43.030	ng	#	96
92)	Benzo(g,h,i)perylene	26.909	276	2563491	44.523	ng	#	95

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

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