Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035151.D
Acq On : 19 May 2022 13:48
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 20 04:55:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	154983	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	585080	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	353288	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	699419	20.000	ng		0.00
76) Chrysene-d12	21.474	240	659574	20.000	ng		0.00
86) Perylene-d12	23.856	264	679014	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	731638	83.285	ng		0.00
7) Phenol-d6	7.075	99	964524	85.050	ng		0.00
23) Nitrobenzene-d5	9.063	82	968770	89.416	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	340061	88.487	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	2089315	85.851	ng		0.00
79) Terphenyl-d14	19.915	244	2877228	84.462	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	141186	39.721	ng		99
3) Pyridine	3.781	79	386692	39.046	ng		100
4) n-Nitrosodimethylamine	3.693	42	214662	43.961	ng		99
6) Aniline	7.228	93	519044	39.845	ng		99
8) 2-Chlorophenol	7.469	128	402142	41.131	ng		99
9) Benzaldehyde	7.040	77	244436	33.117	ng		99
10) Phenol	7.098	94	466257	40.201	ng		99
11) bis(2-Chloroethyl)ether	7.328	93	364558	41.753	ng		99
12) 1,3-Dichlorobenzene	7.793	146	454825	41.067	ng		97
13) 1,4-Dichlorobenzene	7.940	146	457303	40.345	ng		99
14) 1,2-Dichlorobenzene	8.257	146	447815	41.498	ng		99
15) Benzyl Alcohol	8.145	79	362993	42.831	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	558468	39.467	ng		99
17) 2-Methylphenol	8.351	107	323561	41.084	ng		99
18) Hexachloroethane	8.987	117	172071	41.360	ng		98
19) n-Nitroso-di-n-propyla...	8.716	70	308029	41.489	ng		99
20) 3+4-Methylphenols	8.681	107	440402	40.870	ng		99
22) Acetophenone	8.728	105	597174	42.144	ng	#	98
24) Nitrobenzene	9.104	77	442984	40.646	ng		99
25) Isophorone	9.639	82	735603	40.608	ng		99
26) 2-Nitrophenol	9.816	139	217243	45.680	ng		96
27) 2,4-Dimethylphenol	9.881	122	308123	42.015	ng		94
28) bis(2-Chloroethoxy)met...	10.122	93	485238	46.546	ng		99
29) 2,4-Dichlorophenol	10.357	162	366536	42.392	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	413545	42.255	ng		99
31) Naphthalene	10.757	128	1189753	39.419	ng		99
32) Benzoic acid	10.022	122	283638	48.209	ng		97
33) 4-Chloroaniline	10.863	127	485471	39.986	ng		99
34) Hexachlorobutadiene	11.051	225	260733	43.149	ng		99
35) Caprolactam	11.651	113	113313	45.375	ng		100
36) 4-Chloro-3-methylphenol	11.992	107	389455	43.528	ng		97
37) 2-Methylnaphthalene	12.369	142	831728	39.771	ng		99
38) 1-Methylnaphthalene	12.586	142	812785	39.798	ng		99
40) 1,2,4,5-Tetrachloroben...	12.739	216	438276	43.568	ng		99
41) Hexachlorocyclopentadiene	12.722	237	249567	41.436	ng		99
43) 2,4,6-Trichlorophenol	12.980	196	302370	44.401	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	320642	42.401	ng	97
46) 1,1'-Biphenyl	13.380	154	1099853	41.323	ng	99
47) 2-Chloronaphthalene	13.422	162	842139	40.601	ng	99
48) 2-Nitroaniline	13.622	65	259914	43.560	ng	99
49) Acenaphthylene	14.263	152	1285691	40.260	ng	99
50) Dimethylphthalate	14.004	163	1048149	39.794	ng	99
51) 2,6-Dinitrotoluene	14.116	165	220107	41.045	ng	99
52) Acenaphthene	14.610	154	864723m	39.967	ng	
53) 3-Nitroaniline	14.445	138	235349	40.904	ng	99
54) 2,4-Dinitrophenol	14.651	184	137020	43.439	ng	98
55) Dibenzofuran	14.939	168	1252578	40.552	ng	99
56) 4-Nitrophenol	14.751	139	194416	41.369	ng	96
57) 2,4-Dinitrotoluene	14.904	165	296001	41.179	ng	95
58) Fluorene	15.592	166	1000979	39.013	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	267550	41.617	ng	98
60) Diethylphthalate	15.368	149	1058930	39.472	ng	100
61) 4-Chlorophenyl-phenyle...	15.586	204	509382	41.484	ng	99
62) 4-Nitroaniline	15.604	138	242797	40.753	ng	93
63) Azobenzene	15.880	77	995727	40.695	ng	98
65) 4,6-Dinitro-2-methylph...	15.674	198	187683	44.889	ng	98
66) n-Nitrosodiphenylamine	15.798	169	857703	40.464	ng	98
67) 4-Bromophenyl-phenylether	16.480	248	303457	42.683	ng	97
68) Hexachlorobenzene	16.598	284	326363	40.659	ng	98
69) Atrazine	16.751	200	286816	40.304	ng	99
70) Pentachlorophenol	16.939	266	212989	42.350	ng	99
71) Phenanthrene	17.327	178	1513057	38.816	ng	100
72) Anthracene	17.421	178	1492023	39.640	ng	100
73) Carbazole	17.686	167	1478166	43.000	ng	99
74) Di-n-butylphthalate	18.262	149	1739211	39.764	ng	100
75) Fluoranthene	19.345	202	1687323	39.421	ng	99
77) Benzidine	19.527	184	596722	29.615	ng	100
78) Pyrene	19.709	202	1745986	40.029	ng	100
80) Butylbenzylphthalate	20.609	149	806128	42.106	ng	98
81) Benzo(a)anthracene	21.456	228	1728039	39.264	ng	99
82) 3,3'-Dichlorobenzidine	21.386	252	441416	34.411	ng	99
83) Chrysene	21.509	228	1656350	39.401	ng	100
84) Bis(2-ethylhexyl)phtha...	21.392	149	1168412	39.688	ng	100
85) Di-n-octyl phthalate	22.315	149	1978865	40.773	ng	100
87) Indeno(1,2,3-cd)pyrene	26.332	276	2042173	39.558	ng	99
88) Benzo(b)fluoranthene	23.133	252	1640099	38.403	ng	99
89) Benzo(k)fluoranthene	23.180	252	1693859	39.181	ng	100
90) Benzo(a)pyrene	23.750	252	1415912	39.907	ng	100
91) Dibenzo(a,h)anthracene	26.350	278	1704032	39.350	ng	99
92) Benzo(g,h,i)perylene	27.091	276	1665124	40.018	ng	99

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

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