Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011822\
Data File : BM033760.D
Acq On : 18 Jan 2022 12:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 19 04:18:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 17 16:30:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
01/19/2022
Supervised By :Jagrut Upadhyay
01/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.955	152	189240	20.000	ng		0.00
21) Naphthalene-d8	10.772	136	842387	20.000	ng	#	0.00
39) Acenaphthene-d10	14.595	164	581417	20.000	ng		0.00
64) Phenanthrene-d10	17.330	188	1259063	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1263275	20.000	ng		0.00
86) Perylene-d12	23.901	264	1242158	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	834008	74.054	ng		0.00
7) Phenol-d6	7.113	99	1166281	73.507	ng		0.00
23) Nitrobenzene-d5	9.119	82	1238958	72.379	ng		0.00
42) 2,4,6-Tribromophenol	16.072	330	563152	71.442	ng		0.00
45) 2-Fluorobiphenyl	13.225	172	2891393	69.962	ng		0.00
79) Terphenyl-d14	19.942	244	4902453	64.355	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	168349	38.256	ng	#	92
3) Pyridine	3.749	79	484360	38.112	ng		95
4) n-Nitrosodimethylamine	3.655	42	227694	38.197	ng	#	67
6) Aniline	7.272	93	682380	37.050	ng		96
8) 2-Chlorophenol	7.513	128	482518	36.982	ng		91
9) Benzaldehyde	7.078	77	330075	39.622	ng		92
10) Phenol	7.137	94	596293	37.474	ng		92
11) bis(2-Chloroethyl)ether	7.372	93	468446	36.603	ng		93
12) 1,3-Dichlorobenzene	7.843	146	528694	36.633	ng		95
13) 1,4-Dichlorobenzene	7.990	146	538015	36.234	ng		97
14) 1,2-Dichlorobenzene	8.307	146	523008	36.121	ng		99
15) Benzyl Alcohol	8.196	79	493352	36.772	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.490	45	678026	38.280	ng		99
17) 2-Methylphenol	8.396	107	420543	36.381	ng		95
18) Hexachloroethane	9.049	117	201846	36.764	ng		94
19) n-Nitroso-di-n-propyla...	8.772	70	414673	36.480	ng	#	89
20) 3+4-Methylphenols	8.731	107	592429	36.681	ng		93
22) Acetophenone	8.778	105	795576	35.771	ng	#	94
24) Nitrobenzene	9.160	77	587387	36.469	ng		93
25) Isophorone	9.696	82	1077851	35.754	ng		98
26) 2-Nitrophenol	9.878	139	277753	35.699	ng	#	84
27) 2,4-Dimethylphenol	9.937	122	425905	35.850	ng		94
28) bis(2-Chloroethoxy)met...	10.172	93	683824	35.601	ng		97
29) 2,4-Dichlorophenol	10.413	162	488758	35.982	ng		99
30) 1,2,4-Trichlorobenzene	10.631	180	519359	35.337	ng		97
31) Naphthalene	10.819	128	1614539	35.505	ng		99
32) Benzoic acid	10.090	122	353691	37.099	ng		88
33) 4-Chloroaniline	10.925	127	684650	36.182	ng		93
34) Hexachlorobutadiene	11.113	225	339371	35.236	ng		100
35) Caprolactam	11.719	113	178244	36.849	ng	#	80
36) 4-Chloro-3-methylphenol	12.048	107	606338	36.242	ng		98
37) 2-Methylnaphthalene	12.425	142	1147137	35.214	ng		99
38) 1-Methylnaphthalene	12.648	142	1135029	35.693	ng		99
40) 1,2,4,5-Tetrachloroben...	12.795	216	584220	34.725	ng		99
41) Hexachlorocyclopentadiene	12.784	237	366113	35.356	ng		99
43) 2,4,6-Trichlorophenol	13.031	196	429737	35.772	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.101	196	465888	36.013	ng		97
46) 1,1'-Biphenyl	13.431	154	1556920	35.382	ng		98
47) 2-Chloronaphthalene	13.472	162	1192042	35.502	ng		98
48) 2-Nitroaniline	13.666	65	415237	37.813	ng		89
49) Acenaphthylene	14.313	152	1936668	35.796	ng		100
50) Dimethylphthalate	14.054	163	1633800	35.665	ng		98
51) 2,6-Dinitrotoluene	14.166	165	335588	36.304	ng		90
52) Acenaphthene	14.660	154	1312906m	36.303	ng		
53) 3-Nitroaniline	14.489	138	378207	37.413	ng		89
54) 2,4-Dinitrophenol	14.695	184	211334	37.769	ng		88
55) Dibenzofuran	14.989	168	1931544	35.742	ng		97
56) 4-Nitrophenol	14.795	139	320245	38.605	ng	#	86
57) 2,4-Dinitrotoluene	14.948	165	479960	37.319	ng	#	84
58) Fluorene	15.636	166	1528694	35.889	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.213	232	423687	35.913	ng		99
60) Diethylphthalate	15.407	149	1746771	36.367	ng		99
61) 4-Chlorophenyl-phenyle...	15.631	204	787542	35.366	ng		96
62) 4-Nitroaniline	15.648	138	408510	38.478	ng		92
63) Azobenzene	15.919	77	1661735	37.628	ng		94
65) 4,6-Dinitro-2-methylph...	15.707	198	306228	37.134	ng		87
66) n-Nitrosodiphenylamine	15.842	169	1378541	35.181	ng		99
67) 4-Bromophenyl-phenylether	16.519	248	494655	34.579	ng		95
68) Hexachlorobenzene	16.636	284	538276	34.469	ng		99
69) Atrazine	16.789	200	522702	35.610	ng		99
70) Pentachlorophenol	16.977	266	373441	37.207	ng		97
71) Phenanthrene	17.372	178	2481439	35.403	ng		99
72) Anthracene	17.460	178	2477474	35.940	ng		98
73) Carbazole	17.724	167	2465422	36.645	ng		99
74) Di-n-butylphthalate	18.295	149	3121704	36.814	ng		100
75) Fluoranthene	19.377	202	2931961	37.358	ng		100
77) Benzidine	19.554	184	1281348	39.979	ng		99
78) Pyrene	19.736	202	3001750	32.163	ng		98
80) Butylbenzylphthalate	20.630	149	1475028	34.327	ng		92
81) Benzo(a)anthracene	21.477	228	2975630	35.589	ng		99
82) 3,3'-Dichlorobenzidine	21.407	252	1086350	36.334	ng		99
83) Chrysene	21.530	228	2867671	35.907	ng		100
84) Bis(2-ethylhexyl)phtha...	21.407	149	2167184	34.903	ng		98
85) Di-n-octyl phthalate	22.330	149	3809860	38.186	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.424	276	2961559	35.861	ng		99
88) Benzo(b)fluoranthene	23.165	252	2854428	35.997	ng		99
89) Benzo(k)fluoranthene	23.212	252	2830973	35.649	ng		100
90) Benzo(a)pyrene	23.795	252	2358624	36.388	ng		98
91) Dibenzo(a,h)anthracene	26.442	278	2483945	35.606	ng		96
92) Benzo(g,h,i)perylene	27.194	276	2337519	35.213	ng		96

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

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