Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011922\
Data File : BM033776.D
Acq On : 19 Jan 2022 09:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022

Quant Time: Jan 19 15:20:49 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	223030	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	981347	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	658521	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1302813	20.000	ng		0.00
76) Chrysene-d12	21.489	240	1039481	20.000	ng		0.00
86) Perylene-d12	23.889	264	994380	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	1009057	76.023	ng		0.00
7) Phenol-d6	7.107	99	1403049	75.032	ng		-0.01
23) Nitrobenzene-d5	9.113	82	1451703	72.799	ng		-0.01
42) 2,4,6-Tribromophenol	16.071	330	594929	66.637	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	3285810	70.197	ng		0.00
79) Terphenyl-d14	19.936	244	4436193	70.772	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	204793	39.487	ng	#	92
3) Pyridine	3.749	79	585902	39.117	ng		93
4) n-Nitrosodimethylamine	3.655	42	268628	38.237	ng	#	66
6) Aniline	7.266	93	809151	37.277	ng		98
8) 2-Chlorophenol	7.513	128	565092	36.749	ng		90
9) Benzaldehyde	7.078	77	391300	39.912	ng		90
10) Phenol	7.137	94	712022	37.967	ng		91
11) bis(2-Chloroethyl)ether	7.366	93	565650	37.502	ng		94
12) 1,3-Dichlorobenzene	7.837	146	624518	36.717	ng		95
13) 1,4-Dichlorobenzene	7.984	146	638034	36.460	ng		97
14) 1,2-Dichlorobenzene	8.307	146	619810	36.321	ng		99
15) Benzyl Alcohol	8.190	79	577419	36.517	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.490	45	818131	39.192	ng		99
17) 2-Methylphenol	8.395	107	503645	36.969	ng		94
18) Hexachloroethane	9.042	117	236589	36.563	ng		96
19) n-Nitroso-di-n-propyla...	8.766	70	485556	36.244	ng		90
20) 3+4-Methylphenols	8.725	107	703989	36.984	ng		94
22) Acetophenone	8.778	105	933323	36.022	ng	#	92
24) Nitrobenzene	9.154	77	691533	36.855	ng		92
25) Isophorone	9.689	82	1259844	35.873	ng		97
26) 2-Nitrophenol	9.872	139	327410	36.123	ng	#	84
27) 2,4-Dimethylphenol	9.937	122	500506	36.164	ng		93
28) bis(2-Chloroethoxy)met...	10.172	93	810790	36.234	ng		98
29) 2,4-Dichlorophenol	10.407	162	574432	36.301	ng		100
30) 1,2,4-Trichlorobenzene	10.631	180	606402	35.417	ng		99
31) Naphthalene	10.813	128	1892691	35.729	ng		99
32) Benzoic acid	10.089	122	414699	37.338	ng		91
33) 4-Chloroaniline	10.919	127	801111	36.341	ng		93
34) Hexachlorobutadiene	11.107	225	389203	34.688	ng		97
35) Caprolactam	11.713	113	198833	35.285	ng	#	82
36) 4-Chloro-3-methylphenol	12.048	107	696323	35.727	ng		97
37) 2-Methylnaphthalene	12.425	142	1339293	35.291	ng		99
38) 1-Methylnaphthalene	12.642	142	1304247	35.207	ng		99
40) 1,2,4,5-Tetrachloroben...	12.789	216	666449	34.974	ng		99
41) Hexachlorocyclopentadiene	12.778	237	416859	35.543	ng		99
43) 2,4,6-Trichlorophenol	13.025	196	491667	36.135	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	527843	36.025	ng		97
46) 1,1'-Biphenyl	13.425	154	1781766	35.751	ng		99
47) 2-Chloronaphthalene	13.466	162	1361427	35.799	ng		98
48) 2-Nitroaniline	13.666	65	463806	37.290	ng	#	84
49) Acenaphthylene	14.313	152	2187455	35.698	ng		99
50) Dimethylphthalate	14.048	163	1806138	34.811	ng		99
51) 2,6-Dinitrotoluene	14.160	165	375493	35.865	ng		89
52) Acenaphthene	14.654	154	1461657m	35.684	ng		
53) 3-Nitroaniline	14.483	138	415724	36.309	ng		92
54) 2,4-Dinitrophenol	14.689	184	218398	34.462	ng		88
55) Dibenzofuran	14.983	168	2165559	35.380	ng		98
56) 4-Nitrophenol	14.789	139	333399	35.485	ng	#	83
57) 2,4-Dinitrotoluene	14.942	165	517436	35.522	ng		85
58) Fluorene	15.630	166	1671742	34.652	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	460746	34.482	ng		99
60) Diethylphthalate	15.407	149	1893877	34.813	ng		99
61) 4-Chlorophenyl-phenyle...	15.624	204	870317	34.507	ng		97
62) 4-Nitroaniline	15.642	138	419699	34.903	ng		90
63) Azobenzene	15.913	77	1838504	36.757	ng		94
65) 4,6-Dinitro-2-methylph...	15.707	198	315743	37.002	ng		82
66) n-Nitrosodiphenylamine	15.836	169	1487791	36.694	ng		98
67) 4-Bromophenyl-phenylether	16.513	248	529077	35.743	ng		95
68) Hexachlorobenzene	16.636	284	569521	35.245	ng		96
69) Atrazine	16.783	200	529266	34.846	ng		98
70) Pentachlorophenol	16.971	266	372299	35.848	ng		98
71) Phenanthrene	17.365	178	2579479	35.566	ng		99
72) Anthracene	17.454	178	2551688	35.773	ng		99
73) Carbazole	17.718	167	2442859	35.090	ng		99
74) Di-n-butylphthalate	18.289	149	3083089	35.138	ng		100
75) Fluoranthene	19.371	202	2716770	33.453	ng		99
77) Benzidine	19.548	184	1129360	42.823	ng		99
78) Pyrene	19.730	202	2771382	36.087	ng		98
80) Butylbenzylphthalate	20.624	149	1283012	36.286	ng		94
81) Benzo(a)anthracene	21.471	228	2489385	36.183	ng		98
82) 3,3'-Dichlorobenzidine	21.400	252	875678	35.593	ng		98
83) Chrysene	21.524	228	2387014	36.323	ng		100
84) Bis(2-ethylhexyl)phtha...	21.400	149	1861716	36.439	ng		100
85) Di-n-octyl phthalate	22.324	149	3112873	37.917	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.406	276	2541246	38.439	ng		97
88) Benzo(b)fluoranthene	23.159	252	2291305	36.096	ng		98
89) Benzo(k)fluoranthene	23.206	252	2249154	35.379	ng		99
90) Benzo(a)pyrene	23.783	252	1889884	36.421	ng		98
91) Dibenzo(a,h)anthracene	26.424	278	2159630	38.671	ng		96
92) Benzo(g,h,i)perylene	27.177	276	2073135	39.012	ng	#	96

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

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