Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020624\
Data File : BM044001.D
Acq On : 06 Feb 2024 21:54
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 07 03:53:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 07:03:31 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	416785	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	1846103	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	1119554	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	2355916	20.000	ng		0.00
76) Chrysene-d12	21.515	240	2315576	20.000	ng		0.00
86) Perylene-d12	23.927	264	2604933	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	2328310	82.496	ng		0.00
7) Phenol-d6	7.092	99	3295297	79.023	ng		0.00
23) Nitrobenzene-d5	9.092	82	3078194	80.378	ng		0.00
42) 2,4,6-Tribromophenol	16.062	330	1006834	73.776	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	6745602	82.791	ng		0.00
79) Terphenyl-d14	19.956	244	10689258	89.113	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	455837	41.790	ng		98
3) Pyridine	3.793	79	1352200m	40.736	ng		
4) n-Nitrosodimethylamine	3.716	42	581160	40.726	ng	#	99
6) Aniline	7.257	93	1552090	37.408	ng		99
8) 2-Chlorophenol	7.481	128	1230093	39.255	ng		97
9) Benzaldehyde	7.069	77	825603	44.006	ng		98
10) Phenol	7.116	94	1591528	38.385	ng		98
11) bis(2-Chloroethyl)ether	7.357	93	1270742	39.104	ng		98
12) 1,3-Dichlorobenzene	7.810	146	1327345	39.233	ng		99
13) 1,4-Dichlorobenzene	7.957	146	1336977	39.076	ng		99
14) 1,2-Dichlorobenzene	8.269	146	1291331	38.270	ng		99
15) Benzyl Alcohol	8.169	79	1089899	38.132	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1719963	39.468	ng		99
17) 2-Methylphenol	8.369	107	1033663	39.000	ng		99
18) Hexachloroethane	8.998	117	506344	39.436	ng		100
19) n-Nitroso-di-n-propyla...	8.739	70	1072985	39.104	ng		99
20) 3+4-Methylphenols	8.698	107	1446300	38.663	ng		99
22) Acetophenone	8.757	105	1984985	39.683	ng	#	99
24) Nitrobenzene	9.139	77	1532669	39.888	ng		99
25) Isophorone	9.663	82	2865890	40.200	ng		100
26) 2-Nitrophenol	9.845	139	638927	41.143	ng		100
27) 2,4-Dimethylphenol	9.904	122	864270	40.532	ng		98
28) bis(2-Chloroethoxy)met...	10.151	93	1775577	40.784	ng		100
29) 2,4-Dichlorophenol	10.375	162	1127962	41.473	ng		100
30) 1,2,4-Trichlorobenzene	10.586	180	1238903	40.331	ng		100
31) Naphthalene	10.775	128	4060223	39.459	ng		99
32) Benzoic acid	10.051	122	851944	37.884	ng		96
33) 4-Chloroaniline	10.898	127	1651647	39.052	ng		100
34) Hexachlorobutadiene	11.051	225	690700	41.227	ng		98
35) Caprolactam	11.692	113	420851	37.734	ng		97
36) 4-Chloro-3-methylphenol	12.016	107	1349804	40.528	ng		99
37) 2-Methylnaphthalene	12.386	142	2835137	39.510	ng		98
38) 1-Methylnaphthalene	12.610	142	2808157	39.202	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	1308033	41.194	ng		100
41) Hexachlorocyclopentadiene	12.722	237	499723	47.851	ng		100
43) 2,4,6-Trichlorophenol	12.998	196	915499	42.664	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	1027371	41.965	ng	99
46) 1,1'-Biphenyl	13.404	154	3562416	40.464	ng	100
47) 2-Chloronaphthalene	13.445	162	2817798	40.133	ng	99
48) 2-Nitroaniline	13.657	65	926568	40.575	ng	99
49) Acenaphthylene	14.286	152	4254341	39.639	ng	100
50) Dimethylphthalate	14.039	163	3428531	39.426	ng	99
51) 2,6-Dinitrotoluene	14.157	165	769878	40.275	ng	99
52) Acenaphthene	14.633	154	2683219	39.437	ng	98
53) 3-Nitroaniline	14.486	138	857862	38.658	ng	97
54) 2,4-Dinitrophenol	14.692	184	385691	36.958	ng	95
55) Dibenzofuran	14.968	168	4111176	38.827	ng	100
56) 4-Nitrophenol	14.786	139	744600	38.396	ng	99
57) 2,4-Dinitrotoluene	14.939	165	1062171	39.917	ng	98
58) Fluorene	15.615	166	3521082	39.378	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	843768	39.978	ng	99
60) Diethylphthalate	15.404	149	3566186	39.614	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	1672733	40.097	ng	100
62) 4-Nitroaniline	15.651	138	917732	37.824	ng	98
63) Azobenzene	15.910	77	3607535	40.121	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	558022	39.563	ng	93
66) n-Nitrosodiphenylamine	15.833	169	2915034	41.538	ng	99
67) 4-Bromophenyl-phenylether	16.515	248	839857	36.187	ng	100
68) Hexachlorobenzene	16.609	284	1109932	40.111	ng	99
69) Atrazine	16.792	200	814736	41.964	ng	100
70) Pentachlorophenol	16.962	266	773091	42.547	ng	100
71) Phenanthrene	17.362	178	5222186	39.797	ng	100
72) Anthracene	17.451	178	5218424	40.620	ng	99
73) Carbazole	17.727	167	5188857	38.999	ng	100
74) Di-n-butylphthalate	18.303	149	6252468	42.850	ng	99
75) Fluoranthene	19.380	202	6343744	39.092	ng	100
77) Benzidine	19.574	184	1797329	61.177	ng	100
78) Pyrene	19.745	202	6666169	41.881	ng	100
80) Butylbenzylphthalate	20.662	149	2889301	45.841	ng	99
81) Benzo(a)anthracene	21.503	228	6588884	40.559	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	2177526	41.921	ng	99
83) Chrysene	21.556	228	6216159	39.940	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	4446819	47.442	ng	99
85) Di-n-octyl phthalate	22.391	149	7442051	46.090	ng	99
87) Indeno(1,2,3-cd)pyrene	26.432	276	7335714	37.635	ng	100
88) Benzo(b)fluoranthene	23.197	252	6789179	41.434	ng	99
89) Benzo(k)fluoranthene	23.244	252	6442380	40.981	ng	99
90) Benzo(a)pyrene	23.821	252	5849704	40.389	ng	100
91) Dibenzo(a,h)anthracene	26.462	278	6072477	37.776	ng	99
92) Benzo(g,h,i)perylene	27.203	276	5975930	36.446	ng	100

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

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