Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111022\
Data File : BM037445.D
Acq On : 10 Nov 2022 11:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 11 00:33:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 11 00:30:57 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	397483	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	1602720	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	906658	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1612612	20.000	ng		0.00
76) Chrysene-d12	21.374	240	1397900	20.000	ng		0.00
86) Perylene-d12	23.703	264	1382148	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	1632762	70.967	ng		0.00
7) Phenol-d6	6.993	99	2286387	73.221	ng		0.00
23) Nitrobenzene-d5	8.987	82	2338493	73.614	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	883621	82.700	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	5351861	78.431	ng		0.00
79) Terphenyl-d14	19.815	244	6196933	79.496	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	340839	36.178	ng		97
3) Pyridine	3.675	79	964559m	34.365	ng		
4) n-Nitrosodimethylamine	3.593	42	428576	34.935	ng		97
6) Aniline	7.145	93	1391944	36.464	ng		99
8) 2-Chlorophenol	7.375	128	1064091	38.000	ng		98
9) Benzaldehyde	6.957	77	587751	37.186	ng		99
10) Phenol	7.022	94	1262914	36.095	ng		100
11) bis(2-Chloroethyl)ether	7.245	93	1015170	36.188	ng		99
12) 1,3-Dichlorobenzene	7.692	146	1153112	37.685	ng		98
13) 1,4-Dichlorobenzene	7.845	146	1176940	37.288	ng		98
14) 1,2-Dichlorobenzene	8.157	146	1131068	37.312	ng		99
15) Benzyl Alcohol	8.063	79	833567	37.339	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.351	45	1411977	35.306	ng		99
17) 2-Methylphenol	8.269	107	858096	37.528	ng		99
18) Hexachloroethane	8.881	117	436952	39.255	ng		95
19) n-Nitroso-di-n-propyla...	8.628	70	812263	37.955	ng		99
20) 3+4-Methylphenols	8.598	107	1178341	37.517	ng		99
22) Acetophenone	8.645	105	1532139	36.779	ng	#	99
24) Nitrobenzene	9.028	77	1162183	36.086	ng		97
25) Isophorone	9.551	82	2036806	38.364	ng		99
26) 2-Nitrophenol	9.734	139	576791	40.005	ng		99
27) 2,4-Dimethylphenol	9.798	122	807163	37.722	ng		99
28) bis(2-Chloroethoxy)met...	10.034	93	1206297	36.518	ng		99
29) 2,4-Dichlorophenol	10.269	162	967824	39.403	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	1066856	38.302	ng		99
31) Naphthalene	10.657	128	3322524	36.590	ng		100
32) Benzoic acid	9.981	122	675944	36.642	ng		99
33) 4-Chloroaniline	10.786	127	1285674	35.546	ng		98
34) Hexachlorobutadiene	10.928	225	639770	41.133	ng		98
35) Caprolactam	11.610	113	276837	37.073	ng		92
36) 4-Chloro-3-methylphenol	11.916	107	933576	36.883	ng		97
37) 2-Methylnaphthalene	12.275	142	2294904	37.302	ng		100
38) 1-Methylnaphthalene	12.492	142	2225404	37.020	ng		100
40) 1,2,4,5-Tetrachloroben...	12.639	216	1104890	40.531	ng		99
41) Hexachlorocyclopentadiene	12.610	237	565193	43.516	ng		98
43) 2,4,6-Trichlorophenol	12.886	196	770097	41.036	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	840394	40.596	ng	99
46) 1,1'-Biphenyl	13.286	154	2770489	37.866	ng	99
47) 2-Chloronaphthalene	13.327	162	2195805	37.713	ng	100
48) 2-Nitroaniline	13.551	65	617328	36.690	ng	97
49) Acenaphthylene	14.174	152	3384463	37.446	ng	100
50) Dimethylphthalate	13.922	163	2557461	36.930	ng	100
51) 2,6-Dinitrotoluene	14.045	165	555876	37.904	ng	96
52) Acenaphthene	14.516	154	2055445	36.785	ng	99
53) 3-Nitroaniline	14.380	138	588823	35.939	ng	95
54) 2,4-Dinitrophenol	14.586	184	304080	35.398	ng	96
55) Dibenzofuran	14.851	168	3163563	36.758	ng	99
56) 4-Nitrophenol	14.698	139	441125	33.750	ng	97
57) 2,4-Dinitrotoluene	14.833	165	732607	37.963	ng	98
58) Fluorene	15.498	166	2639932	36.749	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	675028	38.904	ng	96
60) Diethylphthalate	15.280	149	2487210	36.952	ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	1271281	38.251	ng	98
62) 4-Nitroaniline	15.539	138	558397m	33.983	ng	
63) Azobenzene	15.786	77	2357240	35.550	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	410917	37.724	ng	99
66) n-Nitrosodiphenylamine	15.716	169	2088389	38.313	ng	100
67) 4-Bromophenyl-phenylether	16.386	248	745908	41.218	ng	98
68) Hexachlorobenzene	16.498	284	885022	40.411	ng	95
69) Atrazine	16.668	200	544819	39.725	ng	98
70) Pentachlorophenol	16.851	266	497793	39.063	ng	99
71) Phenanthrene	17.233	178	3675709	36.739	ng	100
72) Anthracene	17.327	178	3564421	37.633	ng	100
73) Carbazole	17.604	167	3098541	35.664	ng	99
74) Di-n-butylphthalate	18.162	149	3936280	41.031	ng	100
75) Fluoranthene	19.251	202	3950967	37.359	ng	99
77) Benzidine	19.451	184	796234	38.199	ng	99
78) Pyrene	19.615	202	4034984	37.537	ng	100
80) Butylbenzylphthalate	20.509	149	1643381	42.809	ng	100
81) Benzo(a)anthracene	21.356	228	3691203	37.090	ng	100
82) 3,3'-Dichlorobenzidine	21.297	252	1181068	40.406	ng	98
83) Chrysene	21.409	228	3475143	36.244	ng	100
84) Bis(2-ethylhexyl)phtha...	21.280	149	2330654	45.235	ng	99
85) Di-n-octyl phthalate	22.186	149	3754666	46.271	ng	98
87) Indeno(1,2,3-cd)pyrene	26.121	276	4237846	37.447	ng	97
88) Benzo(b)fluoranthene	22.991	252	3349346	34.905	ng	99
89) Benzo(k)fluoranthene	23.044	252	3528680	36.052	ng	98
90) Benzo(a)pyrene	23.603	252	2870237	36.712	ng	99
91) Dibenzo(a,h)anthracene	26.132	278	3519779	37.453	ng	97
92) Benzo(g,h,i)perylene	26.862	276	3390375	37.068	ng	97

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

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