Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
Data File : BM037264.D
Acq On : 29 Oct 2022 10:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 31 02:04:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 31 01:34:15 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	464986	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1901463	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	1114655	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	2106961	20.000	ng		0.00
76) Chrysene-d12	21.421	240	1854094	20.000	ng		0.00
86) Perylene-d12	23.774	264	1712530	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	2112479	78.488	ng		0.00
7) Phenol-d6	7.045	99	2912170	79.723	ng		0.00
23) Nitrobenzene-d5	9.045	82	2968888	78.775	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1092374	83.160	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	6617675	78.884	ng		0.00
79) Terphenyl-d14	19.868	244	8304864	80.324	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	428674	38.896	ng		98
3) Pyridine	3.728	79	1305674m	39.766	ng		
4) n-Nitrosodimethylamine	3.646	42	577829	40.263	ng		99
6) Aniline	7.204	93	1757114	39.347	ng		99
8) 2-Chlorophenol	7.434	128	1289498	39.365	ng		99
9) Benzaldehyde	7.016	77	720532	38.968	ng		99
10) Phenol	7.069	94	1602311	39.147	ng		98
11) bis(2-Chloroethyl)ether	7.304	93	1280225	39.012	ng		100
12) 1,3-Dichlorobenzene	7.757	146	1388812	38.799	ng		99
13) 1,4-Dichlorobenzene	7.904	146	1420591	38.474	ng		99
14) 1,2-Dichlorobenzene	8.222	146	1366328	38.529	ng		99
15) Benzyl Alcohol	8.122	79	1052325	40.295	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1850021	39.543	ng		99
17) 2-Methylphenol	8.322	107	1066193	39.859	ng		100
18) Hexachloroethane	8.945	117	518791	39.841	ng		97
19) n-Nitroso-di-n-propyla...	8.687	70	1016407	40.594	ng		99
20) 3+4-Methylphenols	8.651	107	1471235	40.043	ng		100
22) Acetophenone	8.704	105	1883049	38.101	ng	#	99
24) Nitrobenzene	9.087	77	1485022	38.866	ng		99
25) Isophorone	9.610	82	2482775	39.417	ng		100
26) 2-Nitrophenol	9.792	139	677488	39.607	ng		98
27) 2,4-Dimethylphenol	9.851	122	1002047	39.473	ng		100
28) bis(2-Chloroethoxy)met...	10.092	93	1513886	38.629	ng		99
29) 2,4-Dichlorophenol	10.328	162	1158235	39.746	ng		99
30) 1,2,4-Trichlorobenzene	10.533	180	1270584	38.449	ng		98
31) Naphthalene	10.722	128	4176432	38.768	ng		99
32) Benzoic acid	10.016	122	808287	36.877	ng		97
33) 4-Chloroaniline	10.845	127	1672492	38.975	ng		99
34) Hexachlorobutadiene	10.998	225	714849	38.740	ng		98
35) Caprolactam	11.657	113	355673	40.148	ng		96
36) 4-Chloro-3-methylphenol	11.969	107	1197007	39.860	ng		99
37) 2-Methylnaphthalene	12.333	142	2864344	39.243	ng		100
38) 1-Methylnaphthalene	12.551	142	2792932	39.161	ng		99
40) 1,2,4,5-Tetrachloroben...	12.698	216	1296011	38.670	ng		99
41) Hexachlorocyclopentadiene	12.669	237	621706	38.935	ng		100
43) 2,4,6-Trichlorophenol	12.945	196	911979	39.529	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	999885	39.287	ng	99
46) 1,1'-Biphenyl	13.345	154	3529409	39.237	ng	99
47) 2-Chloronaphthalene	13.386	162	2809266	39.245	ng	100
48) 2-Nitroaniline	13.598	65	843940	40.798	ng	98
49) Acenaphthylene	14.227	152	4403764	39.631	ng	100
50) Dimethylphthalate	13.974	163	3299547	38.755	ng	100
51) 2,6-Dinitrotoluene	14.098	165	724215	40.167	ng	96
52) Acenaphthene	14.569	154	2714158	39.510	ng	99
53) 3-Nitroaniline	14.427	138	815395	40.481	ng	100
54) 2,4-Dinitrophenol	14.633	184	411438	38.310	ng	97
55) Dibenzofuran	14.904	168	4171801	39.428	ng	99
56) 4-Nitrophenol	14.733	139	629810	39.195	ng	99
57) 2,4-Dinitrotoluene	14.880	165	963970	40.631	ng	97
58) Fluorene	15.551	166	3580700	40.543	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.133	232	855767	40.117	ng	100
60) Diethylphthalate	15.333	149	3286451	39.716	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1636195	40.044	ng	98
62) 4-Nitroaniline	15.586	138	837150	41.441	ng	98
63) Azobenzene	15.839	77	3352546	41.126	ng	99
65) 4,6-Dinitro-2-methylph...	15.639	198	544194	38.170	ng	95
66) n-Nitrosodiphenylamine	15.763	169	2868948	40.284	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	958906	40.556	ng	99
68) Hexachlorobenzene	16.551	284	1137368	39.749	ng	96
69) Atrazine	16.715	200	719883	40.174	ng	99
70) Pentachlorophenol	16.898	266	659173	39.590	ng	98
71) Phenanthrene	17.292	178	5152804	39.419	ng	100
72) Anthracene	17.380	178	4977412	40.221	ng	100
73) Carbazole	17.657	167	4496208	39.609	ng	99
74) Di-n-butylphthalate	18.215	149	5088035	40.593	ng	100
75) Fluoranthene	19.304	202	5382149	38.951	ng	99
77) Benzidine	19.492	184	1362150	49.269	ng	99
78) Pyrene	19.662	202	5508119	38.634	ng	99
80) Butylbenzylphthalate	20.562	149	2008316	39.443	ng	97
81) Benzo(a)anthracene	21.403	228	5126663	38.839	ng	100
82) 3,3'-Dichlorobenzidine	21.345	252	1518999	39.181	ng	99
83) Chrysene	21.456	228	4916432	38.659	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	2733058	39.993	ng	99
85) Di-n-octyl phthalate	22.239	149	4310128	40.047	ng	100
87) Indeno(1,2,3-cd)pyrene	26.221	276	5616137	40.053	ng	100
88) Benzo(b)fluoranthene	23.062	252	4726584	39.755	ng	100
89) Benzo(k)fluoranthene	23.109	252	4580193	37.768	ng	100
90) Benzo(a)pyrene	23.674	252	3790719	39.131	ng	99
91) Dibenzo(a,h)anthracene	26.232	278	4670020	40.106	ng	99
92) Benzo(g,h,i)perylene	26.974	276	4529755	39.970	ng	100

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

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