Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041023\
Data File : BM039371.D
Acq On : 10 Apr 2023 10:53
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 11 02:07:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 11 02:05:37 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	213222	20.000	ng		0.00
21) Naphthalene-d8	10.681	136	811340	20.000	ng		0.00
39) Acenaphthene-d10	14.521	164	455639	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	906252	20.000	ng		0.00
76) Chrysene-d12	21.462	240	820527	20.000	ng		0.00
86) Perylene-d12	23.844	264	951395	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1229270	86.859	ng		0.00
7) Phenol-d6	7.045	99	1576517	86.124	ng		0.00
23) Nitrobenzene-d5	9.039	82	1460487	87.489	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	484478	83.763	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	2922892	86.917	ng		0.00
79) Terphenyl-d14	19.898	244	3904166	87.909	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	273083	47.207	ng		98
3) Pyridine	3.699	79	732021	45.170	ng		96
4) n-Nitrosodimethylamine	3.610	42	285439	44.848	ng		94
6) Aniline	7.198	93	966774	42.672	ng		98
8) 2-Chlorophenol	7.434	128	616123	42.534	ng		96
9) Benzaldehyde	7.010	77	367071	35.212	ng		98
10) Phenol	7.069	94	786536	42.876	ng		98
11) bis(2-Chloroethyl)ether	7.298	93	655853	44.442	ng		100
12) 1,3-Dichlorobenzene	7.751	146	651104	42.385	ng		98
13) 1,4-Dichlorobenzene	7.904	146	649363	41.805	ng		98
14) 1,2-Dichlorobenzene	8.222	146	633696	42.665	ng		98
15) Benzyl Alcohol	8.122	79	497284	39.497	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.404	45	858034m	45.456	ng		
17) 2-Methylphenol	8.322	107	538231	41.937	ng		98
18) Hexachloroethane	8.945	117	250440	41.681	ng		98
19) n-Nitroso-di-n-propyla...	8.687	70	500703	42.790	ng		97
20) 3+4-Methylphenols	8.657	107	720256	41.763	ng		99
22) Acetophenone	8.704	105	924945	42.638	ng	#	98
24) Nitrobenzene	9.081	77	726440	43.750	ng		97
25) Isophorone	9.610	82	1334962	42.866	ng		99
26) 2-Nitrophenol	9.792	139	307012	39.999	ng		97
27) 2,4-Dimethylphenol	9.857	122	523968	41.086	ng		97
28) bis(2-Chloroethoxy)met...	10.092	93	804282	42.663	ng		99
29) 2,4-Dichlorophenol	10.333	162	524932	42.187	ng		98
30) 1,2,4-Trichlorobenzene	10.539	180	564568	42.411	ng		99
31) Naphthalene	10.728	128	1854935	42.430	ng		100
32) Benzoic acid	10.016	122	336513m	33.855	ng		
33) 4-Chloroaniline	10.851	127	751098	39.216	ng		99
34) Hexachlorobutadiene	11.010	225	334889	42.784	ng		99
35) Caprolactam	11.651	113	165500	38.307	ng		88
36) 4-Chloro-3-methylphenol	11.980	107	556954	40.570	ng		98
37) 2-Methylnaphthalene	12.345	142	1269974	41.729	ng		100
38) 1-Methylnaphthalene	12.563	142	1185761	41.610	ng		100
40) 1,2,4,5-Tetrachloroben...	12.710	216	598188	43.120	ng		99
41) Hexachlorocyclopentadiene	12.686	237	311902	41.155	ng		100
43) 2,4,6-Trichlorophenol	12.957	196	396159	41.873	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	467044	42.110	ng	98
46) 1,1'-Biphenyl	13.357	154	1539279	42.781	ng	99
47) 2-Chloronaphthalene	13.398	162	1147293	42.112	ng	100
48) 2-Nitroaniline	13.610	65	369723	40.328	ng	95
49) Acenaphthylene	14.245	152	1895521	42.333	ng	100
50) Dimethylphthalate	13.986	163	1471465	41.905	ng	100
51) 2,6-Dinitrotoluene	14.110	165	316335	41.892	ng	95
52) Acenaphthene	14.586	154	1125982	42.587	ng	99
53) 3-Nitroaniline	14.439	138	320631	36.729	ng	95
54) 2,4-Dinitrophenol	14.651	184	161828	36.187	ng	99
55) Dibenzofuran	14.921	168	1786328	41.966	ng	99
56) 4-Nitrophenol	14.757	139	253384	37.641	ng	92
57) 2,4-Dinitrotoluene	14.898	165	416703	40.793	ng	91
58) Fluorene	15.568	166	1431722	42.476	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	371849	42.144	ng	100
60) Diethylphthalate	15.345	149	1486336	42.053	ng	99
61) 4-Chlorophenyl-phenyle...	15.563	204	711921	42.618	ng	98
62) 4-Nitroaniline	15.604	138	298374	33.307	ng	94
63) Azobenzene	15.857	77	1560154	44.059	ng	97
65) 4,6-Dinitro-2-methylph...	15.657	198	246702	41.379	ng	98
66) n-Nitrosodiphenylamine	15.786	169	1213760	42.502	ng	98
67) 4-Bromophenyl-phenylether	16.462	248	407974	42.154	ng	99
68) Hexachlorobenzene	16.574	284	446855	42.582	ng	99
69) Atrazine	16.739	200	376675	41.645	ng	99
70) Pentachlorophenol	16.921	266	328781	43.669	ng	99
71) Phenanthrene	17.315	178	2098778	42.285	ng	100
72) Anthracene	17.404	178	2185958	43.192	ng	99
73) Carbazole	17.680	167	1925801	40.722	ng	100
74) Di-n-butylphthalate	18.239	149	2567727	43.893	ng	100
75) Fluoranthene	19.333	202	2423014	42.825	ng	100
77) Benzidine	19.527	184	778746	35.982	ng	99
78) Pyrene	19.698	202	2527639	43.272	ng	99
80) Butylbenzylphthalate	20.598	149	1147981	42.898	ng	98
81) Benzo(a)anthracene	21.445	228	2405256	41.564	ng	99
82) 3,3'-Dichlorobenzidine	21.380	252	768283	39.854	ng	99
83) Chrysene	21.497	228	2401208	42.983	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	1728173	43.726	ng	99
85) Di-n-octyl phthalate	22.292	149	2977658	41.817	ng	98
87) Indeno(1,2,3-cd)pyrene	26.327	276	3112101	44.396	ng	100
88) Benzo(b)fluoranthene	23.121	252	2344363	40.272	ng	100
89) Benzo(k)fluoranthene	23.168	252	2556781	43.118	ng	98
90) Benzo(a)pyrene	23.744	252	2452929	42.893	ng	100
91) Dibenzo(a,h)anthracene	26.344	278	2595455	44.095	ng	100
92) Benzo(g,h,i)perylene	27.085	276	2560028	44.226	ng	99

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

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