Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039411.D
Acq On : 13 Apr 2023 14:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 13 16:08:58 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 16:05:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	226308	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	838271	20.000	ng		0.00
39) Acenaphthene-d10	14.516	164	474456	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	927572	20.000	ng		0.00
76) Chrysene-d12	21.456	240	795781	20.000	ng		0.00
86) Perylene-d12	23.844	264	882558	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1216159	80.964	ng		0.02
7) Phenol-d6	7.069	99	1617870	83.273	ng		0.04
23) Nitrobenzene-d5	9.034	82	1495580	86.713	ng		0.00
42) 2,4,6-Tribromophenol	16.015	330	487340	80.916	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	3015699	86.120	ng		0.00
79) Terphenyl-d14	19.898	244	3723822	86.456	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	264502	43.080	ng		99
3) Pyridine	3.687	79	722675	42.015	ng		98
4) n-Nitrosodimethylamine	3.599	42	284397	42.100	ng		97
6) Aniline	7.193	93	998480	41.523	ng		99
8) 2-Chlorophenol	7.434	128	631992	41.107	ng		97
9) Benzaldehyde	6.998	77	473895	42.831	ng		98
10) Phenol	7.093	94	792796	40.719	ng		99
11) bis(2-Chloroethyl)ether	7.293	93	637943	40.728	ng		100
12) 1,3-Dichlorobenzene	7.745	146	674414	41.363	ng		99
13) 1,4-Dichlorobenzene	7.898	146	677972	41.123	ng		99
14) 1,2-Dichlorobenzene	8.216	146	653332	41.443	ng		98
15) Benzyl Alcohol	8.122	79	523882	39.204	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.398	45	855241m	42.688	ng		
17) 2-Methylphenol	8.340	107	555166	40.755	ng		99
18) Hexachloroethane	8.939	117	256577	40.233	ng		98
19) n-Nitroso-di-n-propyla...	8.681	70	508817	40.969	ng		98
20) 3+4-Methylphenols	8.669	107	755352	41.266	ng		97
22) Acetophenone	8.698	105	953693	42.551	ng	#	98
24) Nitrobenzene	9.075	77	730746	42.596	ng		98
25) Isophorone	9.604	82	1381745	42.943	ng		99
26) 2-Nitrophenol	9.792	139	330034	41.617	ng		98
27) 2,4-Dimethylphenol	9.869	122	565825	42.943	ng		99
28) bis(2-Chloroethoxy)met...	10.092	93	808567	41.512	ng		99
29) 2,4-Dichlorophenol	10.339	162	551485	42.897	ng		99
30) 1,2,4-Trichlorobenzene	10.534	180	583681	42.438	ng		99
31) Naphthalene	10.722	128	1926441	42.650	ng		100
32) Benzoic acid	10.045	122	387921	37.774	ng		98
33) 4-Chloroaniline	10.851	127	794382	40.143	ng		99
34) Hexachlorobutadiene	10.998	225	343994	42.535	ng		99
35) Caprolactam	11.651	113	183413	41.089	ng		91
36) 4-Chloro-3-methylphenol	11.998	107	606820	42.782	ng		97
37) 2-Methylnaphthalene	12.339	142	1324172	42.112	ng		99
38) 1-Methylnaphthalene	12.557	142	1250027	42.456	ng		100
40) 1,2,4,5-Tetrachloroben...	12.704	216	626018	43.337	ng		100
41) Hexachlorocyclopentadiene	12.680	237	321040	40.680	ng		98
43) 2,4,6-Trichlorophenol	12.963	196	419362	42.568	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	483958	41.904	ng	98
46) 1,1'-Biphenyl	13.351	154	1599127	42.681	ng	100
47) 2-Chloronaphthalene	13.392	162	1192425	42.033	ng	99
48) 2-Nitroaniline	13.616	65	396171	41.499	ng	100
49) Acenaphthylene	14.239	152	1982493	42.520	ng	99
50) Dimethylphthalate	13.980	163	1511661	41.342	ng	100
51) 2,6-Dinitrotoluene	14.110	165	329012	41.842	ng	99
52) Acenaphthene	14.580	154	1174939	42.676	ng	99
53) 3-Nitroaniline	14.445	138	343469	37.785	ng	98
54) 2,4-Dinitrophenol	14.651	184	174195	37.408	ng	97
55) Dibenzofuran	14.916	168	1848044	41.694	ng	99
56) 4-Nitrophenol	14.786	139	273138	38.966	ng	91
57) 2,4-Dinitrotoluene	14.898	165	443543	41.698	ng	93
58) Fluorene	15.568	166	1475343	42.035	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	384361	41.834	ng	99
60) Diethylphthalate	15.345	149	1487012	40.404	ng	100
61) 4-Chlorophenyl-phenyle...	15.563	204	716480	41.190	ng	100
62) 4-Nitroaniline	15.610	138	333474m	35.749	ng	
63) Azobenzene	15.857	77	1550019	42.037	ng	99
65) 4,6-Dinitro-2-methylph...	15.663	198	256471	42.029	ng	96
66) n-Nitrosodiphenylamine	15.780	169	1255781	42.963	ng	99
67) 4-Bromophenyl-phenylether	16.457	248	420080	42.407	ng	99
68) Hexachlorobenzene	16.568	284	456181	42.471	ng	95
69) Atrazine	16.739	200	384020	41.481	ng	99
70) Pentachlorophenol	16.927	266	330232	42.853	ng	99
71) Phenanthrene	17.310	178	2157727	42.474	ng	100
72) Anthracene	17.404	178	2225187	42.956	ng	99
73) Carbazole	17.680	167	2014657	41.622	ng	99
74) Di-n-butylphthalate	18.239	149	2471093	41.270	ng	99
75) Fluoranthene	19.333	202	2456410	42.418	ng	99
77) Benzidine	19.527	184	948627	45.195	ng	99
78) Pyrene	19.692	202	2558886	45.169	ng	99
80) Butylbenzylphthalate	20.592	149	1109370	42.745	ng	98
81) Benzo(a)anthracene	21.439	228	2337801	41.655	ng	99
82) 3,3'-Dichlorobenzidine	21.380	252	785544	42.017	ng	99
83) Chrysene	21.492	228	2293290	42.327	ng	99
84) Bis(2-ethylhexyl)phtha...	21.362	149	1567065	40.882	ng	99
85) Di-n-octyl phthalate	22.280	149	2659396	38.509	ng	99
87) Indeno(1,2,3-cd)pyrene	26.327	276	2702318	41.557	ng	100
88) Benzo(b)fluoranthene	23.115	252	2201417	40.766	ng	99
89) Benzo(k)fluoranthene	23.162	252	2361577	42.933	ng	99
90) Benzo(a)pyrene	23.739	252	2239963	42.224	ng	100
91) Dibenzo(a,h)anthracene	26.338	278	2259316	41.378	ng	99
92) Benzo(g,h,i)perylene	27.091	276	2245545	41.819	ng	99

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

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