Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
Data File : BM044073.D
Acq On : 14 Feb 2024 09:19
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 14 10:14:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	412593	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1712355	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	939187	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	1779332	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1374885	20.000	ng	0.00
86) Perylene-d12	23.897	264	1645892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2313783	81.563	ng	0.00
7) Phenol-d6	7.069	99	2946401	81.632	ng	-0.01
23) Nitrobenzene-d5	9.075	82	2628370	81.450	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	740295	72.800	ng	0.00
45) 2-Fluorobiphenyl	13.174	172	5188075	77.961	ng	0.00
79) Terphenyl-d14	19.939	244	6143426	78.331	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	493503	43.835	ng	99
3) Pyridine	3.781	79	1314910m	44.239	ng	
4) n-Nitrosodimethylamine	3.704	42	504466	44.732	ng	100
6) Aniline	7.234	93	1424246	40.132	ng	98
8) 2-Chlorophenol	7.463	128	1154852	38.984	ng	99
9) Benzaldehyde	7.051	77	716415m	38.624	ng	
10) Phenol	7.098	94	1467318	40.281	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	1198373	39.727	ng	99
12) 1,3-Dichlorobenzene	7.787	146	1261839	37.517	ng	98
13) 1,4-Dichlorobenzene	7.939	146	1274134	37.582	ng	99
14) 1,2-Dichlorobenzene	8.251	146	1203891	37.267	ng	98
15) Benzyl Alcohol	8.151	79	923312	39.288	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.445	45	1436026m	37.552	ng	
17) 2-Methylphenol	8.345	107	929178	38.858	ng	98
18) Hexachloroethane	8.975	117	479442	37.769	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	894215	40.347	ng	100
20) 3+4-Methylphenols	8.681	107	1274183	38.716	ng	99
22) Acetophenone	8.734	105	1738563	40.000	ng	99
24) Nitrobenzene	9.116	77	1312555	39.720	ng	98
25) Isophorone	9.639	82	2413411	38.840	ng	99
26) 2-Nitrophenol	9.822	139	602789	39.344	ng	99
27) 2,4-Dimethylphenol	9.881	122	752228	38.398	ng	99
28) bis(2-Chloroethoxy)met...	10.128	93	1566667	38.986	ng	100
29) 2,4-Dichlorophenol	10.351	162	967750	37.521	ng	96
30) 1,2,4-Trichlorobenzene	10.563	180	1078533	37.187	ng	100
31) Naphthalene	10.757	128	3596595	38.056	ng	100
32) Benzoic acid	10.028	122	730030	36.993	ng	99
33) 4-Chloroaniline	10.875	127	1388404	38.797	ng	99
34) Hexachlorobutadiene	11.028	225	593918	35.777	ng	100
35) Caprolactam	11.669	113	328891	39.627	ng	99
36) 4-Chloro-3-methylphenol	11.998	107	1101927	39.455	ng	99
37) 2-Methylnaphthalene	12.369	142	2383869	37.868	ng	98
38) 1-Methylnaphthalene	12.586	142	2350449	37.997	ng	99
40) 1,2,4,5-Tetrachloroben...	12.733	216	1039610	38.082	ng	99
41) Hexachlorocyclopentadiene	12.704	237	437679	36.738	ng	99
43) 2,4,6-Trichlorophenol	12.974	196	722152	38.871	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	800732	39.275	ng	97
46) 1,1'-Biphenyl	13.386	154	2884911	38.928	ng	100
47) 2-Chloronaphthalene	13.421	162	2303434	39.237	ng	99
48) 2-Nitroaniline	13.633	65	688395	41.683	ng	93
49) Acenaphthylene	14.268	152	3420147	39.051	ng	99
50) Dimethylphthalate	14.021	163	2659829	38.196	ng	99
51) 2,6-Dinitrotoluene	14.139	165	602529	39.218	ng	96
52) Acenaphthene	14.610	154	2120982	39.130	ng	99
53) 3-Nitroaniline	14.468	138	663253	40.170	ng	97
54) 2,4-Dinitrophenol	14.668	184	322040	38.066	ng	99
55) Dibenzofuran	14.945	168	3195784	38.092	ng	97
56) 4-Nitrophenol	14.768	139	542036	40.384	ng	98
57) 2,4-Dinitrotoluene	14.921	165	804288	40.054	ng	98
58) Fluorene	15.598	166	2550353	39.340	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.168	232	603837	37.744	ng	95
60) Diethylphthalate	15.386	149	2745124	38.144	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	1191024	37.915	ng	97
62) 4-Nitroaniline	15.627	138	662544	39.864	ng	98
63) Azobenzene	15.892	77	2751490	40.751	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	423049	39.900	ng	98
66) n-Nitrosodiphenylamine	15.815	169	2165744	40.063	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	683847	38.872	ng	96
68) Hexachlorobenzene	16.592	284	788706	36.599	ng	96
69) Atrazine	16.774	200	563568	38.502	ng	98
70) Pentachlorophenol	16.939	266	524063	37.383	ng	100
71) Phenanthrene	17.345	178	3695033	39.326	ng	100
72) Anthracene	17.433	178	3681847	39.581	ng	99
73) Carbazole	17.709	167	3503010	38.723	ng	99
74) Di-n-butylphthalate	18.286	149	4562906	38.805	ng	100
75) Fluoranthene	19.362	202	4045099	38.325	ng	99
77) Benzidine	19.562	184	1054254	49.342	ng	100
78) Pyrene	19.727	202	4214768	39.804	ng	100
80) Butylbenzylphthalate	20.650	149	1863080	39.583	ng	100
81) Benzo(a)anthracene	21.486	228	3765330	39.371	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	1211923	38.622	ng	99
83) Chrysene	21.539	228	3564576	39.451	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	2781618	40.054	ng	98
85) Di-n-octyl phthalate	22.374	149	4799569	39.572	ng	99
87) Indeno(1,2,3-cd)pyrene	26.385	276	4768265	40.933	ng	98
88) Benzo(b)fluoranthene	23.168	252	3915776	38.059	ng	99
89) Benzo(k)fluoranthene	23.221	252	3944656	40.348	ng	99
90) Benzo(a)pyrene	23.791	252	3567857	39.701	ng	99
91) Dibenzo(a,h)anthracene	26.415	278	3961029	40.651	ng	99
92) Benzo(g,h,i)perylene	27.150	276	4066830	41.153	ng	98

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

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