Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
Data File : BM041436.D
Acq On : 17 Aug 2023 16:19
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 17 18:41:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:13:45 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	133629	20.000	ng		0.00
21) Naphthalene-d8	10.563	136	537782	20.000	ng		0.00
39) Acenaphthene-d10	14.427	164	371282	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	888824	20.000	ng		0.00
76) Chrysene-d12	21.397	240	952195	20.000	ng		0.00
86) Perylene-d12	23.756	264	1256732	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	657283	81.826	ng		0.01
7) Phenol-d6	6.963	99	932125	85.458	ng		0.01
23) Nitrobenzene-d5	8.945	82	939949	83.434	ng		0.00
42) 2,4,6-Tribromophenol	15.933	330	544858	92.474	ng		0.00
45) 2-Fluorobiphenyl	13.045	172	2303341	83.132	ng		0.00
79) Terphenyl-d14	19.827	244	4284974	78.309	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	134131	39.303	ng		97
3) Pyridine	3.646	79	389341	43.181	ng		97
4) n-Nitrosodimethylamine	3.563	42	168466	40.523	ng		98
6) Aniline	7.104	93	549330	42.352	ng		99
8) 2-Chlorophenol	7.334	128	349680	42.135	ng		99
9) Benzaldehyde	6.916	77	229386	38.090	ng		100
10) Phenol	6.992	94	448665	42.574	ng		98
11) bis(2-Chloroethyl)ether	7.204	93	361235	42.849	ng		100
12) 1,3-Dichlorobenzene	7.645	146	379964	41.193	ng		99
13) 1,4-Dichlorobenzene	7.798	146	387825	41.586	ng		98
14) 1,2-Dichlorobenzene	8.110	146	376367	41.811	ng		100
15) Benzyl Alcohol	8.028	79	359103m	46.375	ng		
16) 2,2'-oxybis(1-Chloropr...	8.304	45	419162m	41.440	ng		
17) 2-Methylphenol	8.239	107	332155	44.091	ng		99
18) Hexachloroethane	8.828	117	145863	41.188	ng		97
19) n-Nitroso-di-n-propyla...	8.586	70	332728	44.466	ng		98
20) 3+4-Methylphenols	8.575	107	463884	44.834	ng		99
22) Acetophenone	8.604	105	589407	42.530	ng	#	99
24) Nitrobenzene	8.986	77	468332	41.632	ng		99
25) Isophorone	9.510	82	909385	44.101	ng		99
26) 2-Nitrophenol	9.692	139	218318	44.449	ng		99
27) 2,4-Dimethylphenol	9.769	122	343483	43.431	ng		98
28) bis(2-Chloroethoxy)met...	9.992	93	508521	42.368	ng		99
29) 2,4-Dichlorophenol	10.239	162	383679	44.283	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	410141	42.633	ng		98
31) Naphthalene	10.616	128	1161414	41.537	ng		100
32) Benzoic acid	9.963	122	264667	41.667	ng		100
33) 4-Chloroaniline	10.751	127	514058	43.548	ng		98
34) Hexachlorobutadiene	10.880	225	273935	43.057	ng		99
35) Caprolactam	11.586	113	132490	49.327	ng		99
36) 4-Chloro-3-methylphenol	11.910	107	414296	44.930	ng		98
37) 2-Methylnaphthalene	12.233	142	877482	43.129	ng		100
38) 1-Methylnaphthalene	12.457	142	828729	43.115	ng		100
40) 1,2,4,5-Tetrachloroben...	12.604	216	511163	42.198	ng		99
41) Hexachlorocyclopentadiene	12.569	237	223110	37.545	ng		100
43) 2,4,6-Trichlorophenol	12.869	196	354543	43.733	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	414938	44.213	ng	96
46) 1,1'-Biphenyl	13.257	154	1152229	41.121	ng	99
47) 2-Chloronaphthalene	13.298	162	899515	41.768	ng	100
48) 2-Nitroaniline	13.533	65	306198	43.513	ng	92
49) Acenaphthylene	14.151	152	1470433	42.135	ng	99
50) Dimethylphthalate	13.904	163	1267139	43.706	ng	99
51) 2,6-Dinitrotoluene	14.033	165	277477	44.659	ng	95
52) Acenaphthene	14.492	154	876820	42.009	ng	100
53) 3-Nitroaniline	14.368	138	269448	43.484	ng	98
54) 2,4-Dinitrophenol	14.586	184	171651	44.168	ng	94
55) Dibenzofuran	14.833	168	1492763	42.650	ng	98
56) 4-Nitrophenol	14.739	139	172596	36.990	ng	98
57) 2,4-Dinitrotoluene	14.827	165	396624	46.709	ng	90
58) Fluorene	15.480	166	1209121	43.106	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.068	232	358314	44.924	ng	96
60) Diethylphthalate	15.262	149	1277482	44.102	ng	99
61) 4-Chlorophenyl-phenyle...	15.480	204	667901	44.166	ng	97
62) 4-Nitroaniline	15.539	138	263913	46.687	ng	99
63) Azobenzene	15.774	77	1216597	41.686	ng	96
65) 4,6-Dinitro-2-methylph...	15.592	198	263227	46.264	ng	94
66) n-Nitrosodiphenylamine	15.704	169	1064766	40.696	ng	98
67) 4-Bromophenyl-phenylether	16.374	248	426987	41.921	ng	97
68) Hexachlorobenzene	16.480	284	469081	42.201	ng	99
69) Atrazine	16.668	200	327160	44.063	ng	99
70) Pentachlorophenol	16.845	266	314403	40.393	ng	99
71) Phenanthrene	17.233	178	1942003	41.391	ng	100
72) Anthracene	17.321	178	2013551	42.322	ng	100
73) Carbazole	17.609	167	1828652	43.198	ng	100
74) Di-n-butylphthalate	18.162	149	2342618	44.050	ng	100
75) Fluoranthene	19.256	202	2508970	44.916	ng	99
77) Benzidine	19.462	184	530629	48.617	ng	99
78) Pyrene	19.621	202	2611922	38.355	ng	100
80) Butylbenzylphthalate	20.527	149	1129549	41.413	ng	96
81) Benzo(a)anthracene	21.380	228	2759175	42.433	ng	100
82) 3,3'-Dichlorobenzidine	21.321	252	988818	47.018	ng	100
83) Chrysene	21.433	228	2666014	43.134	ng	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	1697088	43.796	ng	98
85) Di-n-octyl phthalate	22.215	149	3002259	47.384	ng	97
87) Indeno(1,2,3-cd)pyrene	26.209	276	3690907	45.108	ng	98
88) Benzo(b)fluoranthene	23.038	252	2866050	38.263	ng	98
89) Benzo(k)fluoranthene	23.086	252	2941651	38.861	ng	99
90) Benzo(a)pyrene	23.650	252	2971135	41.657	ng	99
91) Dibenzo(a,h)anthracene	26.215	278	3123205	45.385	ng	98
92) Benzo(g,h,i)perylene	26.950	276	2943967	44.253	ng	99

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

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