Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041354.D
Acq On : 10 Aug 2023 09:19
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 11 03:28:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 12:20:12 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.781	152	179808	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	745860	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	497962	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1158284	20.000	ng	#	0.00
76) Chrysene-d12	21.421	240	1208435	20.000	ng	#	0.00
86) Perylene-d12	23.780	264	1432140	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	874697	72.706	ng		0.00
7) Phenol-d6	6.963	99	1167928	74.893	ng		0.00
23) Nitrobenzene-d5	8.957	82	1177377	73.410	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	635826	90.272	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	2786982	70.701	ng		0.00
79) Terphenyl-d14	19.851	244	5004358	74.875	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	175263	34.054	ng		96
3) Pyridine	3.663	79	513963	37.981	ng		96
4) n-Nitrosodimethylamine	3.581	42	220100	35.168	ng		97
6) Aniline	7.116	93	712671	39.050	ng		100
8) 2-Chlorophenol	7.345	128	442590	37.684	ng		100
9) Benzaldehyde	6.934	77	304589m	37.016	ng		
10) Phenol	6.993	94	562576	37.351	ng		97
11) bis(2-Chloroethyl)ether	7.216	93	465056	38.144	ng		97
12) 1,3-Dichlorobenzene	7.663	146	474067	37.081	ng		99
13) 1,4-Dichlorobenzene	7.816	146	479816	37.340	ng		99
14) 1,2-Dichlorobenzene	8.128	146	467771	37.966	ng		99
15) Benzyl Alcohol	8.040	79	435482	44.219	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	558695	34.393	ng		95
17) 2-Methylphenol	8.240	107	418102	40.631	ng		97
18) Hexachloroethane	8.845	117	181082	37.852	ng		90
19) n-Nitroso-di-n-propyla...	8.598	70	423015	44.659	ng		96
20) 3+4-Methylphenols	8.575	107	576988	41.937	ng		98
22) Acetophenone	8.616	105	746764	37.804	ng	#	100
24) Nitrobenzene	8.998	77	593213	36.574	ng		98
25) Isophorone	9.528	82	1148965	42.202	ng		98
26) 2-Nitrophenol	9.710	139	268141	42.290	ng		94
27) 2,4-Dimethylphenol	9.775	122	432999	38.809	ng		97
28) bis(2-Chloroethoxy)met...	10.010	93	631916	37.054	ng		99
29) 2,4-Dichlorophenol	10.245	162	461426	41.010	ng		99
30) 1,2,4-Trichlorobenzene	10.445	180	493814	39.724	ng		99
31) Naphthalene	10.634	128	1476166	36.471	ng		99
32) Benzoic acid	9.963	122	357283	43.437	ng		96
33) 4-Chloroaniline	10.769	127	639290	39.523	ng		99
34) Hexachlorobutadiene	10.898	225	318091	42.546	ng		99
35) Caprolactam	11.604	113	164374	50.501	ng	#	84
36) 4-Chloro-3-methylphenol	11.904	107	519432	43.862	ng		99
37) 2-Methylnaphthalene	12.251	142	1103339	40.434	ng		99
38) 1-Methylnaphthalene	12.475	142	1032216	40.417	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	597461	36.950	ng		99
41) Hexachlorocyclopentadiene	12.586	237	263035	30.749	ng		98
43) 2,4,6-Trichlorophenol	12.880	196	417141	40.250	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	494880	41.257	ng		95
46) 1,1'-Biphenyl	13.275	154	1419133	35.154	ng		99
47) 2-Chloronaphthalene	13.316	162	1086915	36.059	ng		99
48) 2-Nitroaniline	13.545	65	375589	39.036	ng		99
49) Acenaphthylene	14.169	152	1817665	37.360	ng		100
50) Dimethylphthalate	13.916	163	1530450	40.858	ng		99
51) 2,6-Dinitrotoluene	14.051	165	332984	42.904	ng		96
52) Acenaphthene	14.510	154	1077491	36.763	ng		100
53) 3-Nitroaniline	14.386	138	333304	37.696	ng		92
54) 2,4-Dinitrophenol	14.598	184	209465	42.885	ng		93
55) Dibenzofuran	14.851	168	1811415	37.880	ng		100
56) 4-Nitrophenol	14.710	139	224003	34.631	ng		96
57) 2,4-Dinitrotoluene	14.845	165	469445	42.669	ng		94
58) Fluorene	15.504	166	1467952	38.912	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	421840	43.429	ng		96
60) Diethylphthalate	15.280	149	1548401	42.746	ng		99
61) 4-Chlorophenyl-phenyle...	15.498	204	784555	41.502	ng		96
62) 4-Nitroaniline	15.551	138	299395	37.191	ng		94
63) Azobenzene	15.792	77	1535431	38.697	ng		97
65) 4,6-Dinitro-2-methylph...	15.610	198	300957	42.891	ng		89
66) n-Nitrosodiphenylamine	15.721	169	1276205	35.427	ng		98
67) 4-Bromophenyl-phenylether	16.392	248	495504	39.017	ng		99
68) Hexachlorobenzene	16.504	284	547379	38.762	ng		95
69) Atrazine	16.680	200	415014	43.869	ng		98
70) Pentachlorophenol	16.863	266	412937	42.229	ng		98
71) Phenanthrene	17.251	178	2330024	36.206	ng		100
72) Anthracene	17.339	178	2379566	37.386	ng		100
73) Carbazole	17.627	167	2143799	37.214	ng		100
74) Di-n-butylphthalate	18.180	149	2814081	43.229	ng		100
75) Fluoranthene	19.274	202	2960150	40.942	ng		99
77) Benzidine	19.480	184	618113	37.528	ng		99
78) Pyrene	19.639	202	3091429	36.582	ng		100
80) Butylbenzylphthalate	20.545	149	1359667	44.058	ng		99
81) Benzo(a)anthracene	21.403	228	3214258	39.236	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	1063775	39.794	ng		99
83) Chrysene	21.456	228	3079675	38.866	ng		100
84) Bis(2-ethylhexyl)phtha...	21.321	149	2014340	41.467	ng		96
85) Di-n-octyl phthalate	22.239	149	3533999	45.311	ng		96
87) Indeno(1,2,3-cd)pyrene	26.238	276	3748160	35.597	ng	#	95
88) Benzo(b)fluoranthene	23.068	252	3270534	38.442	ng	#	98
89) Benzo(k)fluoranthene	23.115	252	3183175	36.577	ng		98
90) Benzo(a)pyrene	23.680	252	3112913	38.079	ng	#	97
91) Dibenzo(a,h)anthracene	26.244	278	3170274	36.098	ng	#	97
92) Benzo(g,h,i)perylene	26.985	276	3066443	35.684	ng		96

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

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