Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041360.D
Acq On : 10 Aug 2023 13:20
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 11 03:31:52 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	161892	20.000	ng		0.00
21) Naphthalene-d8	10.586	136	661233	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	457612	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1075266	20.000	ng		0.00
76) Chrysene-d12	21.415	240	1143074	20.000	ng	#	0.00
86) Perylene-d12	23.774	264	1295497	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	742838	68.579	ng		0.00
7) Phenol-d6	6.963	99	1021950	72.785	ng		0.00
23) Nitrobenzene-d5	8.957	82	1047594	73.677	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	587336	90.741	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	2533477	69.937	ng		0.00
79) Terphenyl-d14	19.845	244	4702952	74.389	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	154858	33.419	ng		95
3) Pyridine	3.657	79	426593	35.013	ng		95
4) n-Nitrosodimethylamine	3.575	42	185221	32.870	ng		95
6) Aniline	7.116	93	627643	38.197	ng		99
8) 2-Chlorophenol	7.345	128	392102	37.080	ng		98
9) Benzaldehyde	6.934	77	258876m	34.942	ng		
10) Phenol	6.993	94	493502	36.391	ng		97
11) bis(2-Chloroethyl)ether	7.216	93	405755	36.963	ng		98
12) 1,3-Dichlorobenzene	7.663	146	424949	36.918	ng		99
13) 1,4-Dichlorobenzene	7.816	146	431479	37.294	ng		99
14) 1,2-Dichlorobenzene	8.128	146	424763	38.290	ng		99
15) Benzyl Alcohol	8.040	79	385517	43.478	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.316	45	486907	33.291	ng		95
17) 2-Methylphenol	8.240	107	367738	39.692	ng		97
18) Hexachloroethane	8.845	117	162805	37.798	ng		92
19) n-Nitroso-di-n-propyla...	8.604	70	376459	44.143	ng		96
20) 3+4-Methylphenols	8.575	107	505217	40.784	ng		96
22) Acetophenone	8.622	105	657219	37.529	ng	#	100
24) Nitrobenzene	8.998	77	530034	36.862	ng		98
25) Isophorone	9.528	82	1030307	42.687	ng		99
26) 2-Nitrophenol	9.710	139	235729	41.937	ng		95
27) 2,4-Dimethylphenol	9.775	122	384104	38.833	ng		97
28) bis(2-Chloroethoxy)met...	10.010	93	572078	37.838	ng		100
29) 2,4-Dichlorophenol	10.245	162	411379	41.242	ng		99
30) 1,2,4-Trichlorobenzene	10.445	180	443316	40.226	ng		98
31) Naphthalene	10.633	128	1328602	37.027	ng		99
32) Benzoic acid	9.957	122	309228	42.576	ng		93
33) 4-Chloroaniline	10.769	127	581339	40.540	ng		98
34) Hexachlorobutadiene	10.904	225	288509	43.528	ng		99
35) Caprolactam	11.598	113	147307	51.050	ng		88
36) 4-Chloro-3-methylphenol	11.904	107	463390	44.137	ng		97
37) 2-Methylnaphthalene	12.257	142	996053	41.174	ng		98
38) 1-Methylnaphthalene	12.475	142	932639	41.192	ng		99
40) 1,2,4,5-Tetrachloroben...	12.622	216	541369	36.433	ng		98
41) Hexachlorocyclopentadiene	12.586	237	254743	32.405	ng		99
43) 2,4,6-Trichlorophenol	12.880	196	377552	39.643	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	443694	40.251	ng		97
46) 1,1'-Biphenyl	13.274	154	1284902	34.635	ng		99
47) 2-Chloronaphthalene	13.316	162	984966	35.558	ng		99
48) 2-Nitroaniline	13.545	65	336704	38.081	ng		98
49) Acenaphthylene	14.169	152	1652047	36.950	ng		100
50) Dimethylphthalate	13.922	163	1405091	40.819	ng		99
51) 2,6-Dinitrotoluene	14.051	165	302913	42.470	ng		96
52) Acenaphthene	14.510	154	990806	36.786	ng		100
53) 3-Nitroaniline	14.386	138	301115	37.102	ng		94
54) 2,4-Dinitrophenol	14.598	184	189681	42.344	ng		92
55) Dibenzofuran	14.851	168	1657011	37.706	ng		100
56) 4-Nitrophenol	14.710	139	198006	33.311	ng		95
57) 2,4-Dinitrotoluene	14.845	165	435323	43.033	ng		93
58) Fluorene	15.504	166	1356698	39.134	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	391503	43.860	ng		95
60) Diethylphthalate	15.280	149	1444329	43.389	ng		99
61) 4-Chlorophenyl-phenyle...	15.498	204	725404	41.756	ng		98
62) 4-Nitroaniline	15.557	138	275251	37.205	ng		93
63) Azobenzene	15.792	77	1433281	39.307	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	279034	42.837	ng		87
66) n-Nitrosodiphenylamine	15.721	169	1185633	35.454	ng		99
67) 4-Bromophenyl-phenylether	16.392	248	456541	38.725	ng		97
68) Hexachlorobenzene	16.504	284	508636	38.799	ng		96
69) Atrazine	16.686	200	385056	43.845	ng		98
70) Pentachlorophenol	16.863	266	376899	41.519	ng		99
71) Phenanthrene	17.251	178	2172189	36.359	ng		99
72) Anthracene	17.339	178	2213468	37.462	ng		100
73) Carbazole	17.627	167	2018436	37.743	ng		100
74) Di-n-butylphthalate	18.180	149	2659442	44.007	ng		100
75) Fluoranthene	19.274	202	2773451	41.321	ng		99
77) Benzidine	19.480	184	638163	40.960	ng		99
78) Pyrene	19.639	202	2907905	36.378	ng		100
80) Butylbenzylphthalate	20.545	149	1268928	43.469	ng		97
81) Benzo(a)anthracene	21.398	228	3002916	38.752	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	994832	39.343	ng		99
83) Chrysene	21.450	228	2845014	37.957	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1904949	41.458	ng	#	96
85) Di-n-octyl phthalate	22.233	149	3283938	44.512	ng		96
87) Indeno(1,2,3-cd)pyrene	26.227	276	3212061	33.724	ng	#	95
88) Benzo(b)fluoranthene	23.062	252	2977045	38.683	ng	#	97
89) Benzo(k)fluoranthene	23.109	252	2916645	37.049	ng		98
90) Benzo(a)pyrene	23.674	252	2829096	38.258	ng		97
91) Dibenzo(a,h)anthracene	26.238	278	2724772	34.298	ng	#	96
92) Benzo(g,h,i)perylene	26.979	276	2519631	32.413	ng		96

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

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