Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081523\
Data File : BM041404.D
Acq On : 15 Aug 2023 13:50
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 16 01:09:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 17:51:06 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	173243	20.000	ng		0.00
21) Naphthalene-d8	10.575	136	715361	20.000	ng		0.00
39) Acenaphthene-d10	14.434	164	490249	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1158880	20.000	ng		#-0.01
76) Chrysene-d12	21.404	240	1272633	20.000	ng		#-0.01
86) Perylene-d12	23.762	264	1465761	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	821822	70.899	ng		0.00
7) Phenol-d6	6.958	99	1169065	77.807	ng		0.00
23) Nitrobenzene-d5	8.952	82	1173043	76.258	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	631152	91.019	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	2727333	70.276	ng		0.00
79) Terphenyl-d14	19.833	244	5100947	72.470	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	162160	32.702	ng		96
3) Pyridine	3.652	79	479291	36.761	ng		95
4) n-Nitrosodimethylamine	3.570	42	211085	35.006	ng		97
6) Aniline	7.111	93	689740	39.225	ng		100
8) 2-Chlorophenol	7.334	128	432387	38.210	ng		100
9) Benzaldehyde	6.922	77	291904m	36.819	ng		
10) Phenol	6.981	94	562820	38.783	ng		96
11) bis(2-Chloroethyl)ether	7.210	93	442023	37.629	ng		96
12) 1,3-Dichlorobenzene	7.652	146	463469	37.626	ng		99
13) 1,4-Dichlorobenzene	7.805	146	471509	38.084	ng		99
14) 1,2-Dichlorobenzene	8.116	146	459147	38.678	ng		99
15) Benzyl Alcohol	8.028	79	432151	45.544	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.310	45	526332	33.629	ng		93
17) 2-Methylphenol	8.228	107	413057	41.662	ng		97
18) Hexachloroethane	8.834	117	178101	38.640	ng		90
19) n-Nitroso-di-n-propyla...	8.593	70	401966	44.045	ng		97
20) 3+4-Methylphenols	8.563	107	572516	43.189	ng		98
22) Acetophenone	8.610	105	722358	38.128	ng		99
24) Nitrobenzene	8.993	77	585437	37.634	ng		100
25) Isophorone	9.516	82	1094687	41.922	ng		99
26) 2-Nitrophenol	9.699	139	260512	42.839	ng		94
27) 2,4-Dimethylphenol	9.763	122	415032	38.784	ng		98
28) bis(2-Chloroethoxy)met...	9.999	93	623575	38.124	ng		100
29) 2,4-Dichlorophenol	10.234	162	463947	42.992	ng		98
30) 1,2,4-Trichlorobenzene	10.434	180	492469	41.305	ng		99
31) Naphthalene	10.622	128	1439425	37.080	ng		100
32) Benzoic acid	9.957	122	342717	43.441	ng		97
33) 4-Chloroaniline	10.757	127	646616	41.681	ng		99
34) Hexachlorobutadiene	10.887	225	316457	44.132	ng		99
35) Caprolactam	11.587	113	156130	50.014	ng	#	87
36) 4-Chloro-3-methylphenol	11.893	107	505602	44.514	ng		96
37) 2-Methylnaphthalene	12.240	142	1082747	41.371	ng		99
38) 1-Methylnaphthalene	12.463	142	1015434	41.455	ng		99
40) 1,2,4,5-Tetrachloroben...	12.610	216	590572	37.099	ng		98
41) Hexachlorocyclopentadiene	12.575	237	287177	34.099	ng		100
43) 2,4,6-Trichlorophenol	12.863	196	412010	40.381	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	481266	40.753	ng		97
46) 1,1'-Biphenyl	13.263	154	1377552	34.661	ng		98
47) 2-Chloronaphthalene	13.304	162	1071486	36.107	ng		98
48) 2-Nitroaniline	13.534	65	380904	40.212	ng		99
49) Acenaphthylene	14.157	152	1766134	36.872	ng		100
50) Dimethylphthalate	13.910	163	1484068	40.243	ng		99
51) 2,6-Dinitrotoluene	14.034	165	326754	42.763	ng		98
52) Acenaphthene	14.498	154	1056051	36.598	ng		99
53) 3-Nitroaniline	14.369	138	345154	39.517	ng		95
54) 2,4-Dinitrophenol	14.586	184	210658	43.683	ng		91
55) Dibenzofuran	14.834	168	1780950	37.829	ng		98
56) 4-Nitrophenol	14.692	139	267231	41.964	ng		94
57) 2,4-Dinitrotoluene	14.834	165	462796	42.723	ng		94
58) Fluorene	15.486	166	1447179	38.965	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.069	232	419592	43.877	ng		96
60) Diethylphthalate	15.269	149	1508779	42.307	ng		99
61) 4-Chlorophenyl-phenyle...	15.481	204	779185	41.866	ng		99
62) 4-Nitroaniline	15.545	138	334511	41.647	ng		91
63) Azobenzene	15.775	77	1523883	39.010	ng		98
65) 4,6-Dinitro-2-methylph...	15.598	198	301820	42.992	ng		87
66) n-Nitrosodiphenylamine	15.704	169	1261185	34.992	ng		99
67) 4-Bromophenyl-phenylether	16.381	248	490096	38.571	ng		100
68) Hexachlorobenzene	16.492	284	543205	38.447	ng		96
69) Atrazine	16.669	200	413332	43.669	ng		100
70) Pentachlorophenol	16.845	266	412299	42.142	ng		100
71) Phenanthrene	17.239	178	2344557	36.413	ng		100
72) Anthracene	17.328	178	2394571	37.603	ng		100
73) Carbazole	17.610	167	2215134	38.432	ng		100
74) Di-n-butylphthalate	18.169	149	2799266	42.979	ng		99
75) Fluoranthene	19.263	202	3030076	41.887	ng		98
77) Benzidine	19.463	184	784312	45.216	ng		100
78) Pyrene	19.627	202	3163762	35.549	ng		100
80) Butylbenzylphthalate	20.533	149	1412914	43.474	ng		96
81) Benzo(a)anthracene	21.386	228	3392827	39.326	ng		99
82) 3,3'-Dichlorobenzidine	21.327	252	1175626	41.760	ng		99
83) Chrysene	21.439	228	3232278	38.734	ng		99
84) Bis(2-ethylhexyl)phtha...	21.304	149	2095414	40.991	ng		97
85) Di-n-octyl phthalate	22.221	149	3649521	44.431	ng		95
87) Indeno(1,2,3-cd)pyrene	26.221	276	3908580	36.270	ng	#	94
88) Benzo(b)fluoranthene	23.051	252	3486253	40.037	ng	#	97
89) Benzo(k)fluoranthene	23.098	252	3370249	37.838	ng	#	98
90) Benzo(a)pyrene	23.662	252	3250200	38.847	ng	#	97
91) Dibenzo(a,h)anthracene	26.233	278	3321300	36.951	ng	#	96
92) Benzo(g,h,i)perylene	26.974	276	3118747	35.460	ng	#	96

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

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