Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
Data File : BM041169.D
Acq On : 28 Jul 2023 17:11
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Quant Time: Jul 29 01:16:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 29 00:19:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	155350	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	581542	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	321278	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	645331	20.000	ng	0.00
76) Chrysene-d12	21.433	240	604742	20.000	ng	0.00
86) Perylene-d12	23.803	264	674680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	915064	88.036	ng	0.00
7) Phenol-d6	6.981	99	1223629	90.818	ng	0.00
23) Nitrobenzene-d5	8.981	82	1130756	90.424	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	417779	91.935	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	2261880	88.936	ng	0.00
79) Terphenyl-d14	19.868	244	3017954	90.231	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	191961	43.171	ng	100
3) Pyridine	3.669	79	532400	45.538	ng	99
4) n-Nitrosodimethylamine	3.587	42	243516	45.035	ng	96
6) Aniline	7.140	93	725186	45.991	ng	100
8) 2-Chlorophenol	7.369	128	455275	44.867	ng	100
9) Benzaldehyde	6.957	77	297105	41.791	ng	98
10) Phenol	7.010	94	588147	45.197	ng	100
11) bis(2-Chloroethyl)ether	7.240	93	465239	44.167	ng	99
12) 1,3-Dichlorobenzene	7.693	146	484616	43.874	ng	100
13) 1,4-Dichlorobenzene	7.840	146	493374	44.440	ng	99
14) 1,2-Dichlorobenzene	8.157	146	474514	44.577	ng	98
15) Benzyl Alcohol	8.063	79	392451	46.124	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.345	45	625487m	44.567	ng	
17) 2-Methylphenol	8.263	107	407718	45.860	ng	99
18) Hexachloroethane	8.875	117	185455	44.870	ng	98
19) n-Nitroso-di-n-propyla...	8.628	70	379528	46.376	ng	99
20) 3+4-Methylphenols	8.592	107	551452	46.391	ng	100
22) Acetophenone	8.645	105	689072	44.740	ng	99
24) Nitrobenzene	9.022	77	569070	45.000	ng	98
25) Isophorone	9.551	82	960043	45.226	ng	100
26) 2-Nitrophenol	9.734	139	228635	46.248	ng	99
27) 2,4-Dimethylphenol	9.798	122	397402	45.683	ng	98
28) bis(2-Chloroethoxy)met...	10.039	93	596442	44.856	ng	99
29) 2,4-Dichlorophenol	10.269	162	397957	45.363	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	425376	43.887	ng	100
31) Naphthalene	10.663	128	1398466	44.314	ng	100
32) Benzoic acid	9.951	122	261468	41.209	ng	98
33) 4-Chloroaniline	10.792	127	582252	46.168	ng	99
34) Hexachlorobutadiene	10.934	225	252697	43.349	ng	99
35) Caprolactam	11.598	113	115738	45.606	ng	100
36) 4-Chloro-3-methylphenol	11.922	107	421945	45.697	ng	100
37) 2-Methylnaphthalene	12.280	142	956809	44.972	ng	99
38) 1-Methylnaphthalene	12.504	142	895573	44.975	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	457177	43.823	ng	100
41) Hexachlorocyclopentadiene	12.622	237	241216	43.705	ng	99
43) 2,4,6-Trichlorophenol	12.898	196	302640	45.262	ng	99

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44) 2,4,5-Trichlorophenol	12.975	196	350392	45.276	ng	99
46) 1,1'-Biphenyl	13.304	154	1159963	44.536	ng	99
47) 2-Chloronaphthalene	13.345	162	868216	44.644	ng	99
48) 2-Nitroaniline	13.563	65	293286	47.246	ng	98
49) Acenaphthylene	14.192	152	1420184	45.244	ng	99
50) Dimethylphthalate	13.939	163	1065209	44.077	ng	99
51) 2,6-Dinitrotoluene	14.063	165	229239	45.780	ng	95
52) Acenaphthene	14.533	154	843816	44.623	ng	99
53) 3-Nitroaniline	14.398	138	249524	43.328	ng	98
54) 2,4-Dinitrophenol	14.610	184	128440	41.047	ng	98
55) Dibenzofuran	14.874	168	1369469	44.387	ng	99
56) 4-Nitrophenol	14.710	139	191311	45.842	ng	99
57) 2,4-Dinitrotoluene	14.857	165	303597	42.764	ng	98
58) Fluorene	15.521	166	1093751	44.938	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	281867	44.977	ng	100
60) Diethylphthalate	15.304	149	1035993	44.329	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	544599	44.652	ng	98
62) 4-Nitroaniline	15.569	138	225506	42.723	ng	99
63) Azobenzene	15.816	77	1184310	46.262	ng	99
65) 4,6-Dinitro-2-methylph...	15.621	198	175666	44.934	ng	99
66) n-Nitrosodiphenylamine	15.739	169	909713	45.326	ng	100
67) 4-Bromophenyl-phenylether	16.416	248	317921	44.932	ng	97
68) Hexachlorobenzene	16.527	284	347988	44.230	ng	98
69) Atrazine	16.698	200	249064	47.254	ng	99
70) Pentachlorophenol	16.880	266	255429	46.884	ng	99
71) Phenanthrene	17.268	178	1595896	44.510	ng	99
72) Anthracene	17.363	178	1609687	45.393	ng	100
73) Carbazole	17.645	167	1461341	45.530	ng	100
74) Di-n-butylphthalate	18.204	149	1635689	45.099	ng	100
75) Fluoranthene	19.298	202	1809033	44.909	ng	100
77) Benzidine	19.498	184	428435	51.978	ng	99
78) Pyrene	19.662	202	1891670	44.730	ng	100
80) Butylbenzylphthalate	20.568	149	707645	45.821	ng	99
81) Benzo(a)anthracene	21.415	228	1850177	45.130	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	617950	46.193	ng	100
83) Chrysene	21.468	228	1769005	44.611	ng	100
84) Bis(2-ethylhexyl)phtha...	21.345	149	997820	41.072	ng	98
85) Di-n-octyl phthalate	22.262	149	1673335	42.872	ng	100
87) Indeno(1,2,3-cd)pyrene	26.262	276	2260849	45.579	ng	100
88) Benzo(b)fluoranthene	23.086	252	1816172	45.314	ng	100
89) Benzo(k)fluoranthene	23.133	252	1819673	44.384	ng	100
90) Benzo(a)pyrene	23.703	252	1745994	45.337	ng	99
91) Dibenzo(a,h)anthracene	26.268	278	1879095	45.418	ng	100
92) Benzo(g,h,i)perylene	27.009	276	1844440	45.560	ng	99

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

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