Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102123\
Data File : BM042387.D
Acq On : 20 Oct 2023 20:51
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023

Quant Time: Oct 21 02:25:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:15:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.998	152	124499	20.000	ng		0.00
21) Naphthalene-d8	10.822	136	506442	20.000	ng		0.00
39) Acenaphthene-d10	14.645	164	267709	20.000	ng		0.00
64) Phenanthrene-d10	17.398	188	518339	20.000	ng		0.00
76) Chrysene-d12	21.580	240	483461	20.000	ng		0.00
86) Perylene-d12	24.044	264	490551	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	712897	80.928	ng		0.00
7) Phenol-d6	7.151	99	959553	81.283	ng		0.00
23) Nitrobenzene-d5	9.198	82	975030	85.134	ng		0.00
42) 2,4,6-Tribromophenol	16.139	330	221848	78.945	ng		0.00
45) 2-Fluorobiphenyl	13.269	172	1673032	84.156	ng		0.00
79) Terphenyl-d14	20.009	244	2372832	87.043	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	163027	39.302	ng		100
3) Pyridine	3.810	79	485886	39.915	ng		100
4) n-Nitrosodimethylamine	3.740	42	250161	40.713	ng		100
6) Aniline	7.340	93	612418	40.746	ng		100
8) 2-Chlorophenol	7.551	128	356041	40.732	ng		100
9) Benzaldehyde	7.157	77	268116	38.994	ng		100
10) Phenol	7.175	94	497505	40.785	ng		100
11) bis(2-Chloroethyl)ether	7.434	93	399233	39.864	ng		100
12) 1,3-Dichlorobenzene	7.881	146	360102	39.830	ng		100
13) 1,4-Dichlorobenzene	8.034	146	365351	40.145	ng		100
14) 1,2-Dichlorobenzene	8.345	146	350697	40.131	ng		100
15) Benzyl Alcohol	8.257	79	361820	41.346	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.528	45	637068m	40.203	ng		
17) 2-Methylphenol	8.440	107	332012	41.247	ng		100
18) Hexachloroethane	9.063	117	142666	40.720	ng		100
19) n-Nitroso-di-n-propyla...	8.816	70	337340	42.161	ng		100
20) 3+4-Methylphenols	8.769	107	443172	41.047	ng		100
22) Acetophenone	8.845	105	579126	41.915	ng	#	100
24) Nitrobenzene	9.239	77	483001	42.154	ng		100
25) Isophorone	9.751	82	831536	42.723	ng		100
26) 2-Nitrophenol	9.945	139	175027	40.158	ng		100
27) 2,4-Dimethylphenol	9.981	122	336157	42.579	ng		100
28) bis(2-Chloroethoxy)met...	10.239	93	519072	42.094	ng		100
29) 2,4-Dichlorophenol	10.463	162	291175	42.411	ng		100
30) 1,2,4-Trichlorobenzene	10.675	180	305102	41.453	ng		100
31) Naphthalene	10.875	128	1087799	41.817	ng		100
32) Benzoic acid	10.110	122	225206	39.999	ng		100
33) 4-Chloroaniline	11.010	127	479510	42.457	ng		100
34) Hexachlorobutadiene	11.098	225	165773	41.622	ng		100
35) Caprolactam	11.828	113	104585	39.564	ng		100
36) 4-Chloro-3-methylphenol	12.098	107	354276	42.761	ng		100
37) 2-Methylnaphthalene	12.475	142	732046	41.805	ng		100
38) 1-Methylnaphthalene	12.692	142	688996	42.000	ng		100
40) 1,2,4,5-Tetrachloroben...	12.822	216	323884	41.849	ng		100
41) Hexachlorocyclopentadiene	12.769	237	157345	39.927	ng		100
43) 2,4,6-Trichlorophenol	13.074	196	216547	43.223	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.145	196	252081	42.563	ng	100
46) 1,1'-Biphenyl	13.480	154	893408	42.067	ng	100
47) 2-Chloronaphthalene	13.527	162	654106	41.981	ng	100
48) 2-Nitroaniline	13.763	65	272071	40.166	ng	100
49) Acenaphthylene	14.374	152	1085666	43.160	ng	100
50) Dimethylphthalate	14.110	163	823854	41.955	ng	100
51) 2,6-Dinitrotoluene	14.251	165	177067	40.421	ng	100
52) Acenaphthene	14.710	154	641733	42.198	ng	100
53) 3-Nitroaniline	14.592	138	210007	40.493	ng	100
54) 2,4-Dinitrophenol	14.792	184	94217	38.971	ng	100
55) Dibenzofuran	15.045	168	1006278	41.835	ng	100
56) 4-Nitrophenol	14.868	139	170411	42.610	ng	100
57) 2,4-Dinitrotoluene	15.033	165	229408	39.474	ng	100
58) Fluorene	15.692	166	802507	42.280	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.257	232	191249	42.985	ng	100
60) Diethylphthalate	15.457	149	830264	42.846	ng	100
61) 4-Chlorophenyl-phenyle...	15.680	204	378403	42.333	ng	100
62) 4-Nitroaniline	15.751	138	200235	40.349	ng	100
63) Azobenzene	15.974	77	1032818	44.424	ng	100
65) 4,6-Dinitro-2-methylph...	15.780	198	130844	40.594	ng	100
66) n-Nitrosodiphenylamine	15.904	169	678161	43.438	ng	100
67) 4-Bromophenyl-phenylether	16.580	248	208044	43.306	ng	100
68) Hexachlorobenzene	16.662	284	220203	42.882	ng	100
69) Atrazine	16.851	200	174270	44.017	ng	100
70) Pentachlorophenol	17.021	266	159111	40.325	ng	100
71) Phenanthrene	17.439	178	1210047	42.913	ng	100
72) Anthracene	17.533	178	1228542	43.992	ng	100
73) Carbazole	17.815	167	1151038	43.935	ng	100
74) Di-n-butylphthalate	18.339	149	1359854	41.402	ng	100
75) Fluoranthene	19.451	202	1355601	43.651	ng	100
77) Benzidine	19.656	184	244474	34.960	ng	100
78) Pyrene	19.815	202	1425897	42.206	ng	100
80) Butylbenzylphthalate	20.698	149	606407	40.168	ng	100
81) Benzo(a)anthracene	21.562	228	1377356	42.498	ng	100
82) 3,3'-Dichlorobenzidine	21.503	252	416901	43.090	ng	100
83) Chrysene	21.621	228	1307281	41.996	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	874046	40.699	ng	100
85) Di-n-octyl phthalate	22.392	149	1518758	41.137	ng	100
87) Indeno(1,2,3-cd)pyrene	26.638	276	1515126	42.264	ng	100
88) Benzo(b)fluoranthene	23.286	252	1269236	42.985	ng	100
89) Benzo(k)fluoranthene	23.333	252	1294345	42.222	ng	100
90) Benzo(a)pyrene	23.938	252	1224107	43.071	ng	100
91) Dibenzo(a,h)anthracene	26.656	278	1262088	42.343	ng	100
92) Benzo(g,h,i)perylene	27.456	276	1210714	41.826	ng	100

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

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