Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020524\
Data File : BM043976.D
Acq On : 05 Feb 2024 14:01
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2024
Supervised By :mohammad ahmed 02/07/2024

Quant Time: Feb 06 06:45:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 06:29:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	219867	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1053396	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	670010	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	1512749	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1643202	20.000	ng	0.00
86) Perylene-d12	23.933	264	2025061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1173949	78.848	ng	0.00
7) Phenol-d6	7.087	99	1791403	81.434	ng	0.00
23) Nitrobenzene-d5	9.092	82	1736468	79.464	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	667228	81.695	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3855988	79.079	ng	0.00
79) Terphenyl-d14	19.962	244	7161461	84.132	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	222554	38.677	ng	100
3) Pyridine	3.793	79	770343	44.088	ng	100
4) n-Nitrosodimethylamine	3.716	42	303589	40.329	ng	100
6) Aniline	7.251	93	890352	40.678	ng	100
8) 2-Chlorophenol	7.487	128	658755	39.850	ng	100
9) Benzaldehyde	7.069	77	421132	42.389	ng	100
10) Phenol	7.116	94	882064	40.328	ng	100
11) bis(2-Chloroethyl)ether	7.357	93	686411	40.041	ng	100
12) 1,3-Dichlorobenzene	7.810	146	691327	38.735	ng	100
13) 1,4-Dichlorobenzene	7.957	146	707989	39.225	ng	100
14) 1,2-Dichlorobenzene	8.275	146	695324	39.062	ng	100
15) Benzyl Alcohol	8.169	79	613253	40.672	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.463	45	912142m	39.794	ng	
17) 2-Methylphenol	8.369	107	572771	40.966	ng	100
18) Hexachloroethane	8.998	117	267965	39.562	ng	100
19) n-Nitroso-di-n-propyla...	8.739	70	596043	41.177	ng	100
20) 3+4-Methylphenols	8.698	107	807028	40.895	ng	100
22) Acetophenone	8.757	105	1123607	39.366	ng	100
24) Nitrobenzene	9.134	77	863296	39.375	ng	100
25) Isophorone	9.663	82	1639665	40.307	ng	100
26) 2-Nitrophenol	9.845	139	359341	40.552	ng	100
27) 2,4-Dimethylphenol	9.904	122	492055	40.441	ng	100
28) bis(2-Chloroethoxy)met...	10.151	93	972731	39.157	ng	100
29) 2,4-Dichlorophenol	10.375	162	634541	40.888	ng	100
30) 1,2,4-Trichlorobenzene	10.586	180	684211	39.035	ng	100
31) Naphthalene	10.781	128	2289527	38.994	ng	100
32) Benzoic acid	10.022	122	473086	37.047	ng	100
33) 4-Chloroaniline	10.898	127	975798	40.434	ng	100
34) Hexachlorobutadiene	11.051	225	369348	38.636	ng	100
35) Caprolactam	11.680	113	266221	41.838	ng	100
36) 4-Chloro-3-methylphenol	12.016	107	779924	41.039	ng	100
37) 2-Methylnaphthalene	12.392	142	1608665	39.288	ng	100
38) 1-Methylnaphthalene	12.610	142	1612936	39.461	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	743261	39.113	ng	100
41) Hexachlorocyclopentadiene	12.727	237	252947	40.472	ng	100
43) 2,4,6-Trichlorophenol	12.998	196	528315	41.139	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	592522	40.441	ng	100
46) 1,1'-Biphenyl	13.404	154	2069808	39.284	ng	100
47) 2-Chloronaphthalene	13.445	162	1651761	39.310	ng	100
48) 2-Nitroaniline	13.657	65	563131	41.206	ng	100
49) Acenaphthylene	14.286	152	2577704	40.132	ng	100
50) Dimethylphthalate	14.039	163	2060966	39.601	ng	100
51) 2,6-Dinitrotoluene	14.157	165	467437	40.861	ng	100
52) Acenaphthene	14.633	154	1603078	39.370	ng	100
53) 3-Nitroaniline	14.486	138	551347	41.515	ng	100
54) 2,4-Dinitrophenol	14.686	184	231383	37.030	ng	100
55) Dibenzofuran	14.968	168	2483280	39.189	ng	100
56) 4-Nitrophenol	14.780	139	489733	42.197	ng	100
57) 2,4-Dinitrotoluene	14.939	165	661833	41.560	ng	100
58) Fluorene	15.616	166	2134062	39.879	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.192	232	513920	40.687	ng	100
60) Diethylphthalate	15.404	149	2152294	39.949	ng	100
61) 4-Chlorophenyl-phenyle...	15.616	204	995792	39.886	ng	100
62) 4-Nitroaniline	15.645	138	609294	41.961	ng	100
63) Azobenzene	15.910	77	2191067	40.718	ng	100
65) 4,6-Dinitro-2-methylph...	15.698	198	337262	37.603	ng	100
66) n-Nitrosodiphenylamine	15.833	169	1795084	39.836	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	586544	39.359	ng	100
68) Hexachlorobenzene	16.610	284	694350	39.079	ng	100
69) Atrazine	16.792	200	523431	41.987	ng	100
70) Pentachlorophenol	16.962	266	487821	41.811	ng	100
71) Phenanthrene	17.362	178	3344350	39.692	ng	100
72) Anthracene	17.451	178	3323170	40.285	ng	100
73) Carbazole	17.727	167	3460577	40.507	ng	100
74) Di-n-butylphthalate	18.309	149	3850041	41.092	ng	100
75) Fluoranthene	19.380	202	4210322	40.407	ng	100
77) Benzidine	19.580	184	1155031	55.401	ng	100
78) Pyrene	19.745	202	4500227	39.842	ng	100
80) Butylbenzylphthalate	20.668	149	1858092	41.543	ng	100
81) Benzo(a)anthracene	21.503	228	4612916	40.015	ng	100
82) 3,3'-Dichlorobenzidine	21.445	252	1552116	42.107	ng	100
83) Chrysene	21.562	228	4406287	39.896	ng	100
84) Bis(2-ethylhexyl)phtha...	21.456	149	2782283	41.830	ng	100
85) Di-n-octyl phthalate	22.403	149	4809632	41.975	ng	100
87) Indeno(1,2,3-cd)pyrene	26.450	276	6235530	41.151	ng	100
88) Benzo(b)fluoranthene	23.197	252	5125781	40.240	ng	100
89) Benzo(k)fluoranthene	23.250	252	4863782	39.798	ng	100
90) Benzo(a)pyrene	23.827	252	4561980	40.517	ng	100
91) Dibenzo(a,h)anthracene	26.474	278	5137044	41.107	ng	100
92) Benzo(g,h,i)perylene	27.215	276	5227919	41.014	ng	100

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

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