Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092722\
Data File : BM036788.D
Acq On : 27 Sep 2022 22:29
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM092722

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

Quant Time: Sep 28 01:51:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 01:39:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	374782	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	1513118	20.000	ng	0.00
39) Acenaphthene-d10	14.615	164	847114	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1480464	20.000	ng	0.00
76) Chrysene-d12	21.521	240	1163652	20.000	ng	0.00
86) Perylene-d12	23.938	264	1065732	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1785243	81.706	ng	0.00
7) Phenol-d6	7.151	99	2516826	84.015	ng	0.00
23) Nitrobenzene-d5	9.157	82	2442631	83.413	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	603101	85.618	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	4925673	83.459	ng	0.00
79) Terphenyl-d14	19.962	244	4870368	86.095	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	371849	38.846	ng	98
3) Pyridine	3.822	79	1135730m	41.308	ng	
4) n-Nitrosodimethylamine	3.728	42	446843	39.096	ng	96
6) Aniline	7.316	93	1543391	42.298	ng	99
8) 2-Chlorophenol	7.551	128	1045460	41.586	ng	98
9) Benzaldehyde	7.128	77	741523	40.985	ng	99
10) Phenol	7.181	94	1417882	42.211	ng	99
11) bis(2-Chloroethyl)ether	7.416	93	1077130	41.131	ng	100
12) 1,3-Dichlorobenzene	7.875	146	1119611	40.694	ng	99
13) 1,4-Dichlorobenzene	8.028	146	1146772	40.469	ng	99
14) 1,2-Dichlorobenzene	8.345	146	1095501	40.468	ng	99
15) Benzyl Alcohol	8.233	79	934381	42.949	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1308224	39.631	ng	99
17) 2-Methylphenol	8.433	107	911412	42.209	ng	98
18) Hexachloroethane	9.075	117	405387	40.542	ng	96
19) n-Nitroso-di-n-propyla...	8.804	70	852700	42.958	ng	99
20) 3+4-Methylphenols	8.763	107	1258352	42.884	ng	99
22) Acetophenone	8.822	105	1622122	41.689	ng	99
24) Nitrobenzene	9.204	77	1250269	41.170	ng	96
25) Isophorone	9.733	82	2111194	43.394	ng	99
26) 2-Nitrophenol	9.910	139	505624	43.489	ng	99
27) 2,4-Dimethylphenol	9.969	122	844899	43.099	ng	100
28) bis(2-Chloroethoxy)met...	10.210	93	1249811	41.481	ng	100
29) 2,4-Dichlorophenol	10.445	162	917953	43.733	ng	98
30) 1,2,4-Trichlorobenzene	10.663	180	964669	41.646	ng	99
31) Naphthalene	10.851	128	3374324	40.779	ng	99
32) Benzoic acid	10.116	122	674063	45.885	ng	98
33) 4-Chloroaniline	10.963	127	1364798	42.197	ng	99
34) Hexachlorobutadiene	11.133	225	526063	41.488	ng	100
35) Caprolactam	11.769	113	285683	43.341	ng	94
36) 4-Chloro-3-methylphenol	12.080	107	1003028	43.148	ng	99
37) 2-Methylnaphthalene	12.451	142	2250060	42.326	ng	100
38) 1-Methylnaphthalene	12.669	142	2191215	42.247	ng	100
40) 1,2,4,5-Tetrachloroben...	12.816	216	963236	41.788	ng	99
41) Hexachlorocyclopentadiene	12.798	237	473904	42.690	ng	100
43) 2,4,6-Trichlorophenol	13.057	196	675932	44.479	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	744291	44.148	ng	98
46) 1,1'-Biphenyl	13.457	154	2666502	41.050	ng	99
47) 2-Chloronaphthalene	13.498	162	2073299	41.198	ng	99
48) 2-Nitroaniline	13.704	65	662248	43.601	ng	96
49) Acenaphthylene	14.339	152	3311505	42.488	ng	99
50) Dimethylphthalate	14.080	163	2380660	41.364	ng	100
51) 2,6-Dinitrotoluene	14.198	165	513055	44.327	ng	86
52) Acenaphthene	14.680	154	2018514	41.203	ng	100
53) 3-Nitroaniline	14.521	138	606239	41.232	ng	99
54) 2,4-Dinitrophenol	14.727	184	246198	42.571	ng	94
55) Dibenzofuran	15.010	168	3057451	41.139	ng	99
56) 4-Nitrophenol	14.821	139	470877	41.610	ng	99
57) 2,4-Dinitrotoluene	14.974	165	651269	41.744	ng	95
58) Fluorene	15.657	166	2510082	41.279	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	584385	43.454	ng	98
60) Diethylphthalate	15.433	149	2252566	40.736	ng	100
61) 4-Chlorophenyl-phenyle...	15.651	204	1104671	41.649	ng	99
62) 4-Nitroaniline	15.680	138	610198	40.700	ng	97
63) Azobenzene	15.945	77	2523695	41.486	ng	98
65) 4,6-Dinitro-2-methylph...	15.733	198	318286	42.036	ng	96
66) n-Nitrosodiphenylamine	15.868	169	1982425	42.521	ng	98
67) 4-Bromophenyl-phenylether	16.545	248	598882	44.039	ng	98
68) Hexachlorobenzene	16.656	284	682104	43.380	ng	97
69) Atrazine	16.815	200	524955	43.377	ng	99
70) Pentachlorophenol	16.998	266	412154	43.835	ng	99
71) Phenanthrene	17.398	178	3477537	40.687	ng	100
72) Anthracene	17.486	178	3352208	42.024	ng	100
73) Carbazole	17.756	167	3056517	40.388	ng	100
74) Di-n-butylphthalate	18.315	149	3154660	41.533	ng	99
75) Fluoranthene	19.403	202	3428813	39.942	ng	99
77) Benzidine	19.586	184	852298	40.705	ng	100
78) Pyrene	19.762	202	3593398	42.776	ng	100
80) Butylbenzylphthalate	20.656	149	1184653	47.331	ng	97
81) Benzo(a)anthracene	21.503	228	3138454	41.821	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	905132	43.689	ng	98
83) Chrysene	21.556	228	2976349	40.748	ng	98
84) Bis(2-ethylhexyl)phtha...	21.433	149	1545946	41.025	ng	98
85) Di-n-octyl phthalate	22.362	149	2319639	39.012	ng	98
87) Indeno(1,2,3-cd)pyrene	26.468	276	3271386	42.003	ng	99
88) Benzo(b)fluoranthene	23.203	252	2784175	41.215	ng	99
89) Benzo(k)fluoranthene	23.250	252	2783624	41.125	ng	99
90) Benzo(a)pyrene	23.832	252	2291322	41.817	ng	100
91) Dibenzo(a,h)anthracene	26.479	278	2697835	41.801	ng	100
92) Benzo(g,h,i)perylene	27.238	276	2718516	42.381	ng	99

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

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