Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080922\
Data File : BM036179.D
Acq On : 09 Aug 2022 17:32
Operator : CG/JU
Sample : N4101-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP2-8-8MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

Quant Time: Aug 10 03:35:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 23:36:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	253766	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	970407	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	495264	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	871903	20.000	ng		0.00
76) Chrysene-d12	21.409	240	838408	20.000	ng		-0.01
86) Perylene-d12	23.768	264	1024670	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1952065	124.714	ng		0.00
7) Phenol-d6	7.057	99	2408157	120.913	ng		0.00
23) Nitrobenzene-d5	9.016	82	1418730	81.838	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	667402	114.869	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	2653691	79.111	ng		0.00
79) Terphenyl-d14	19.850	244	2989756	70.337	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	278864	44.213	ng		93
3) Pyridine	3.687	79	755240	44.654	ng		90
4) n-Nitrosodimethylamine	3.599	42	351244	50.537	ng	#	66
6) Aniline	7.175	93	826624	37.480	ng		94
8) 2-Chlorophenol	7.422	128	839645	50.312	ng		94
9) Benzaldehyde	6.987	77	519621	49.281	ng		92
10) Phenol	7.081	94	1007209	50.225	ng		92
11) bis(2-Chloroethyl)ether	7.275	93	788313	47.719	ng		94
12) 1,3-Dichlorobenzene	7.728	146	934153	50.513	ng		98
13) 1,4-Dichlorobenzene	7.881	146	946886	50.207	ng		98
14) 1,2-Dichlorobenzene	8.192	146	903375	49.644	ng		99
15) Benzyl Alcohol	8.104	79	665718m	49.810	ng		
16) 2,2'-oxybis(1-Chloropr...	8.381	45	1014719	46.194	ng		96
17) 2-Methylphenol	8.322	107	653224	49.208	ng		96
18) Hexachloroethane	8.916	117	322219	47.461	ng		96
19) n-Nitroso-di-n-propyla...	8.663	70	539818	44.622	ng		89
20) 3+4-Methylphenols	8.657	107	855246	47.420	ng		91
22) Acetophenone	8.681	105	1173120	51.069	ng	#	91
24) Nitrobenzene	9.057	77	850700	52.199	ng		96
25) Isophorone	9.586	82	1462973	51.875	ng		98
26) 2-Nitrophenol	9.769	139	431027	56.073	ng		91
27) 2,4-Dimethylphenol	9.851	122	693397	58.232	ng		97
28) bis(2-Chloroethoxy)met...	10.069	93	928264	46.200	ng		100
29) 2,4-Dichlorophenol	10.316	162	688186	51.392	ng		100
30) 1,2,4-Trichlorobenzene	10.510	180	742555	48.933	ng		98
31) Naphthalene	10.698	128	2409703	49.946	ng		99
32) Benzoic acid	10.022	122	486132	51.502	ng		92
33) 4-Chloroaniline	10.827	127	312752	16.085	ng		96
34) Hexachlorobutadiene	10.975	225	445327	49.941	ng		99
35) Caprolactam	11.633	113	195346	47.361	ng		93
36) 4-Chloro-3-methylphenol	11.980	107	663735	47.157	ng		97
37) 2-Methylnaphthalene	12.310	142	1549303	48.257	ng		97
38) 1-Methylnaphthalene	12.533	142	1459611	46.424	ng		98
40) 1,2,4,5-Tetrachloroben...	12.680	216	736321	54.838	ng		99
41) Hexachlorocyclopentadiene	12.651	237	684059	96.192	ng		100
43) 2,4,6-Trichlorophenol	12.933	196	483808	52.953	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	509830	52.861	ng		97
46) 1,1'-Biphenyl	13.321	154	1905848	52.803	ng		99
47) 2-Chloronaphthalene	13.363	162	1456721	52.733	ng		98
48) 2-Nitroaniline	13.586	65	406671	54.019	ng		89
49) Acenaphthylene	14.210	152	2253250	52.767	ng		100
50) Dimethylphthalate	13.957	163	1592450	47.282	ng		99
51) 2,6-Dinitrotoluene	14.074	165	353447	52.304	ng		92
52) Acenaphthene	14.551	154	1522438m	54.503	ng		
53) 3-Nitroaniline	14.410	138	233282	29.589	ng		97
54) 2,4-Dinitrophenol	14.615	184	300613	84.065	ng		93
55) Dibenzofuran	14.886	168	2035084	48.651	ng		98
56) 4-Nitrophenol	14.757	139	661947	104.917	ng		87
57) 2,4-Dinitrotoluene	14.862	165	461557	52.111	ng		98
58) Fluorene	15.533	166	1595202	48.345	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.121	232	389831	47.715	ng		97
60) Diethylphthalate	15.310	149	1524901	44.058	ng		100
61) 4-Chlorophenyl-phenyle...	15.527	204	753836	45.817	ng		98
62) 4-Nitroaniline	15.574	138	368876m	45.480	ng		
63) Azobenzene	15.821	77	1488230	45.230	ng		93
65) 4,6-Dinitro-2-methylph...	15.621	198	187557	42.071	ng		95
66) n-Nitrosodiphenylamine	15.745	169	1315509	53.446	ng		100
67) 4-Bromophenyl-phenylether	16.421	248	436492	50.049	ng		96
68) Hexachlorobenzene	16.527	284	519492	51.914	ng		94
69) Atrazine	16.704	200	421023	61.131	ng		98
70) Pentachlorophenol	16.886	266	606164	103.431	ng		98
71) Phenanthrene	17.274	178	2279783	51.323	ng		99
72) Anthracene	17.362	178	2313695	53.800	ng		99
73) Carbazole	17.639	167	2162844	49.636	ng		99
74) Di-n-butylphthalate	18.198	149	2377298	45.703	ng		99
75) Fluoranthene	19.286	202	2483758	49.952	ng		99
77) Benzidine	19.486	184	1903186	151.363	ng		99
78) Pyrene	19.650	202	2584245	49.707	ng		99
80) Butylbenzylphthalate	20.550	149	1055828	47.053	ng		97
81) Benzo(a)anthracene	21.397	228	2600640	50.360	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	943555	75.248	ng		100
83) Chrysene	21.450	228	2474168	50.401	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1457372	43.051	ng		99
85) Di-n-octyl phthalate	22.233	149	2568070	46.483	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.226	276	3877360	53.846	ng		99
88) Benzo(b)fluoranthene	23.050	252	3000584	49.981	ng		98
89) Benzo(k)fluoranthene	23.097	252	2919639	48.151	ng		99
90) Benzo(a)pyrene	23.668	252	2760955	54.813	ng		99
91) Dibenzo(a,h)anthracene	26.238	278	3403475	56.466	ng		99
92) Benzo(g,h,i)perylene	26.979	276	3416758	58.554	ng		99

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

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