Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102822\
Data File : BM037258.D
Acq On : 28 Oct 2022 16:33
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 29 02:58:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 02:48:52 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	379258	20.000	ng		0.00
21) Naphthalene-d8	10.680	136	1403931	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	792194	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1523898	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1515847	20.000	ng		0.00
86) Perylene-d12	23.785	264	1475795	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	2623291	122.756	ng		0.00
7) Phenol-d6	7.051	99	3577194	119.170	ng		0.00
23) Nitrobenzene-d5	9.051	82	3493572	133.100	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1229893	197.950	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	7446458	144.937	ng		0.00
79) Terphenyl-d14	19.874	244	10065027	132.293	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	524677	56.981	ng		98
3) Pyridine	3.734	79	1578289m	55.531	ng		
4) n-Nitrosodimethylamine	3.651	42	671924	54.467	ng		97
6) Aniline	7.210	93	2167669	56.874	ng		99
8) 2-Chlorophenol	7.439	128	1592535	62.454	ng		100
9) Benzaldehyde	7.022	77	849725	44.196	ng		99
10) Phenol	7.081	94	1986408	57.776	ng		99
11) bis(2-Chloroethyl)ether	7.310	93	1558004	55.477	ng		99
12) 1,3-Dichlorobenzene	7.763	146	1729966	61.924	ng		98
13) 1,4-Dichlorobenzene	7.910	146	1769761	61.813	ng		99
14) 1,2-Dichlorobenzene	8.228	146	1694828	61.799	ng		99
15) Benzyl Alcohol	8.128	79	1277119	54.606	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.416	45	2160637	52.675	ng		99
17) 2-Methylphenol	8.328	107	1286763	57.321	ng		99
18) Hexachloroethane	8.951	117	631248	59.766	ng		98
19) n-Nitroso-di-n-propyla...	8.692	70	1176893	51.615	ng		100
20) 3+4-Methylphenols	8.657	107	1763104	57.133	ng		98
22) Acetophenone	8.710	105	2256077	64.023	ng	#	99
24) Nitrobenzene	9.092	77	1739235	62.656	ng		98
25) Isophorone	9.616	82	2895161	59.664	ng		100
26) 2-Nitrophenol	9.798	139	830528	89.320	ng		100
27) 2,4-Dimethylphenol	9.857	122	1176646	65.532	ng		99
28) bis(2-Chloroethoxy)met...	10.098	93	1748956	59.584	ng		100
29) 2,4-Dichlorophenol	10.333	162	1371534	72.343	ng		99
30) 1,2,4-Trichlorobenzene	10.539	180	1515992	74.262	ng		99
31) Naphthalene	10.727	128	4853982	63.997	ng		99
32) Benzoic acid	10.033	122	1037058	75.672	ng		99
33) 4-Chloroaniline	10.851	127	1962930	64.382	ng		99
34) Hexachlorobutadiene	11.004	225	852150	76.328	ng		97
35) Caprolactam	11.669	113	437800	66.917	ng		97
36) 4-Chloro-3-methylphenol	11.974	107	1391396	62.427	ng		99
37) 2-Methylnaphthalene	12.339	142	3308498	64.938	ng		100
38) 1-Methylnaphthalene	12.557	142	3215310	64.482	ng		100
40) 1,2,4,5-Tetrachloroben...	12.704	216	1505563	77.418	ng		100
41) Hexachlorocyclopentadiene	12.674	237	748931	78.620	ng		99
43) 2,4,6-Trichlorophenol	12.951	196	1069026	80.180	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.021	196	1171148	78.915	ng	100
46)	1,1'-Biphenyl	13.351	154	3955182	67.721	ng	99
47)	2-Chloronaphthalene	13.392	162	3139543	70.001	ng	99
48)	2-Nitroaniline	13.604	65	973344	68.178	ng	99
49)	Acenaphthylene	14.233	152	4953614	68.201	ng	99
50)	Dimethylphthalate	13.980	163	3767064	67.431	ng	100
51)	2,6-Dinitrotoluene	14.104	165	833075	74.633	ng	94
52)	Acenaphthene	14.574	154	3021493	66.943	ng	99
53)	3-Nitroaniline	14.433	138	958237	71.506	ng	98
54)	2,4-Dinitrophenol	14.639	184	495043	88.372	ng	94
55)	Dibenzofuran	14.910	168	4611482	67.481	ng	100
56)	4-Nitrophenol	14.739	139	763996	71.314	ng	98
57)	2,4-Dinitrotoluene	14.886	165	1123990	77.484	ng	99
58)	Fluorene	15.557	166	3956888	70.675	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.133	232	982249	80.027	ng	98
60)	Diethylphthalate	15.333	149	3662320	63.207	ng	100
61)	4-Chlorophenyl-phenyle...	15.551	204	1828560	74.735	ng	98
62)	4-Nitroaniline	15.592	138	990730	72.096	ng	99
63)	Azobenzene	15.845	77	3599861	55.864	ng	99
65)	4,6-Dinitro-2-methylph...	15.645	198	647384	85.440	ng	99
66)	n-Nitrosodiphenylamine	15.768	169	3163689	67.195	ng	100
67)	4-Bromophenyl-phenylether	16.445	248	1065854	75.847	ng	99
68)	Hexachlorobenzene	16.557	284	1279878	82.247	ng	97
69)	Atrazine	16.721	200	832155	64.158	ng	99
70)	Pentachlorophenol	16.904	266	781007	81.776	ng	98
71)	Phenanthrene	17.292	178	5854490	68.621	ng	99
72)	Anthracene	17.386	178	5646590	69.408	ng	100
73)	Carbazole	17.662	167	5267053	69.365	ng	100
74)	Di-n-butylphthalate	18.221	149	5962798	62.708	ng	100
75)	Fluoranthene	19.303	202	6637931	75.619	ng	99
77)	Benzidine	19.497	184	1414209	44.467	ng	99
78)	Pyrene	19.668	202	6963990	61.006	ng	99
80)	Butylbenzylphthalate	20.562	149	2736497	58.153	ng	99
81)	Benzo(a)anthracene	21.409	228	6794537	69.010	ng	99
82)	3,3'-Dichlorobenzidine	21.350	252	2108442	78.890	ng	99
83)	Chrysene	21.468	228	6397378	67.460	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.333	149	3783042	54.765	ng	98
85)	Di-n-octyl phthalate	22.244	149	6108516	54.914	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.244	276	8036362	82.457	ng	100
88)	Benzo(b)fluoranthene	23.068	252	6320634	67.584	ng	99
89)	Benzo(k)fluoranthene	23.121	252	6575054	68.330	ng	99
90)	Benzo(a)pyrene	23.685	252	5332320	70.896	ng	99
91)	Dibenzo(a,h)anthracene	26.256	278	6712396	82.675	ng	99
92)	Benzo(g,h,i)perylene	26.997	276	6368896	80.796	ng	100

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

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