Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092722\
Data File : BM036785.D
Acq On : 27 Sep 2022 20:40
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 28 00:41:46 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 00:34:44 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	330567	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	1254776	20.000	ng		0.00
39) Acenaphthene-d10	14.616	164	654626	20.000	ng		0.00
64) Phenanthrene-d10	17.351	188	1153211	20.000	ng		0.00
76) Chrysene-d12	21.521	240	1018133	20.000	ng		0.00
86) Perylene-d12	23.944	264	970572	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	1947704	95.525	ng		0.00
7) Phenol-d6	7.151	99	2660936	102.564	ng		0.00
23) Nitrobenzene-d5	9.163	82	2490706	111.113	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	534051	69.541	ng		0.00
45) 2-Fluorobiphenyl	13.251	172	4679376	105.541	ng		0.00
79) Terphenyl-d14	19.968	244	4862575	94.203	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.404	88	410154	49.921	ng		100
3) Pyridine	3.822	79	1232288m	55.932	ng		
4) n-Nitrosodimethylamine	3.728	42	497081	54.904	ng		97
6) Aniline	7.316	93	1606402	55.913	ng		99
8) 2-Chlorophenol	7.551	128	1099816	50.591	ng		99
9) Benzaldehyde	7.128	77	742864	54.085	ng		98
10) Phenol	7.181	94	1481149	56.699	ng		99
11) bis(2-Chloroethyl)ether	7.416	93	1125375	52.296	ng		99
12) 1,3-Dichlorobenzene	7.881	146	1188239	49.325	ng		99
13) 1,4-Dichlorobenzene	8.028	146	1221425	49.718	ng		100
14) 1,2-Dichlorobenzene	8.345	146	1163550	49.086	ng		99
15) Benzyl Alcohol	8.234	79	951157	54.633	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1375734	48.078	ng		99
17) 2-Methylphenol	8.434	107	935247	54.084	ng		100
18) Hexachloroethane	9.075	117	435132	49.202	ng		99
19) n-Nitroso-di-n-propyla...	8.810	70	838845	53.230	ng		99
20) 3+4-Methylphenols	8.763	107	1268906	54.010	ng		99
22) Acetophenone	8.822	105	1621983	54.607	ng	#	99
24) Nitrobenzene	9.204	77	1284116	60.936	ng		98
25) Isophorone	9.733	82	2016392	55.295	ng		99
26) 2-Nitrophenol	9.910	139	485015	48.797	ng		96
27) 2,4-Dimethylphenol	9.969	122	825385	53.607	ng		99
28) bis(2-Chloroethoxy)met...	10.210	93	1233236	47.468	ng		100
29) 2,4-Dichlorophenol	10.445	162	898869	51.913	ng		99
30) 1,2,4-Trichlorobenzene	10.663	180	965486	49.204	ng		99
31) Naphthalene	10.851	128	3394714	54.416	ng		99
32) Benzoic acid	10.110	122	584132	47.860	ng		99
33) 4-Chloroaniline	10.963	127	1315740	52.333	ng		99
34) Hexachlorobutadiene	11.133	225	523926	45.439	ng		98
35) Caprolactam	11.769	113	265271	49.738	ng		96
36) 4-Chloro-3-methylphenol	12.080	107	959330	52.711	ng		100
37) 2-Methylnaphthalene	12.457	142	2178954	52.488	ng		99
38) 1-Methylnaphthalene	12.674	142	2114701	52.017	ng		100
40) 1,2,4,5-Tetrachloroben...	12.816	216	906213	51.061	ng		99
41) Hexachlorocyclopentadiene	12.798	237	459438	48.878	ng		99
43) 2,4,6-Trichlorophenol	13.057	196	618757	51.236	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	676241	53.046	ng	99
46) 1,1'-Biphenyl	13.457	154	2512349	52.662	ng	99
47) 2-Chloronaphthalene	13.498	162	1958760	53.645	ng	100
48) 2-Nitroaniline	13.704	65	619077	62.215	ng	99
49) Acenaphthylene	14.339	152	3113927	55.170	ng	99
50) Dimethylphthalate	14.080	163	2184944	49.081	ng	100
51) 2,6-Dinitrotoluene	14.198	165	467426	52.332	ng	91
52) Acenaphthene	14.680	154	1888937	51.161	ng	99
53) 3-Nitroaniline	14.527	138	565750	54.289	ng	96
54) 2,4-Dinitrophenol	14.727	184	220059	46.558	ng	99
55) Dibenzofuran	15.015	168	2832620	51.232	ng	99
56) 4-Nitrophenol	14.821	139	446453	53.536	ng	98
57) 2,4-Dinitrotoluene	14.974	165	597563	51.042	ng	99
58) Fluorene	15.662	166	2340825	53.672	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.239	232	527562	48.853	ng	99
60) Diethylphthalate	15.433	149	2076566	45.391	ng	100
61) 4-Chlorophenyl-phenyle...	15.657	204	1012793	46.571	ng	96
62) 4-Nitroaniline	15.680	138	582097	54.297	ng	99
63) Azobenzene	15.945	77	2385436	54.849	ng	100
65) 4,6-Dinitro-2-methylph...	15.739	198	286016	48.506	ng	91
66) n-Nitrosodiphenylamine	15.868	169	1842290	56.590	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	540718	46.876	ng	99
68) Hexachlorobenzene	16.657	284	610166	46.102	ng	99
69) Atrazine	16.815	200	474601	52.101	ng	97
70) Pentachlorophenol	16.998	266	369571	47.678	ng	99
71) Phenanthrene	17.398	178	3324741	56.589	ng	100
72) Anthracene	17.486	178	3174281	55.806	ng	100
73) Carbazole	17.756	167	2998446	52.027	ng	100
74) Di-n-butylphthalate	18.321	149	2999461	43.598	ng	100
75) Fluoranthene	19.403	202	3387922	51.515	ng	99
77) Benzidine	19.586	184	784651	51.389	ng	100
78) Pyrene	19.762	202	3595581	56.951	ng	99
80) Butylbenzylphthalate	20.656	149	1233935	45.284	ng	100
81) Benzo(a)anthracene	21.503	228	3319879	52.939	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	968553	63.606	ng	100
83) Chrysene	21.562	228	3201193	53.700	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	1662200	40.434	ng	99
85) Di-n-octyl phthalate	22.368	149	2581481	38.477	ng	99
87) Indeno(1,2,3-cd)pyrene	26.474	276	3710625	54.403	ng	100
88) Benzo(b)fluoranthene	23.203	252	3009160	52.918	ng	99
89) Benzo(k)fluoranthene	23.256	252	3174205	55.267	ng	100
90) Benzo(a)pyrene	23.838	252	2569579	53.857	ng	100
91) Dibenzo(a,h)anthracene	26.485	278	3068052	53.738	ng	99
92) Benzo(g,h,i)perylene	27.250	276	3045060	55.093	ng	100

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

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