Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110922\
Data File : BM037443.D
Acq On : 09 Nov 2022 19:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/10/2022
Supervised By :mohammad ahmed 11/10/2022

Quant Time: Nov 10 05:49:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 09 02:08:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	405819	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	1719745	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	1107038	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	2279767	20.000	ng		0.00
76) Chrysene-d12	21.386	240	2287925	20.000	ng		0.00
86) Perylene-d12	23.727	264	2020428	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1534565	65.329	ng		0.00
7) Phenol-d6	7.010	99	2231706	70.002	ng		0.00
23) Nitrobenzene-d5	8.998	82	2526430	74.119	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1229603	94.251	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	6270875	75.265	ng		0.00
79) Terphenyl-d14	19.833	244	9563623	74.960	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	299339	31.121	ng		97
3) Pyridine	3.687	79	902047	31.478	ng		99
4) n-Nitrosodimethylamine	3.604	42	394650	31.509	ng		99
6) Aniline	7.157	93	1402042	35.974	ng		100
8) 2-Chlorophenol	7.387	128	1084332	37.928	ng		99
9) Benzaldehyde	6.969	77	542791	33.636	ng		99
10) Phenol	7.034	94	1239001	34.684	ng		99
11) bis(2-Chloroethyl)ether	7.257	93	1014854	35.434	ng		98
12) 1,3-Dichlorobenzene	7.704	146	1157855	37.063	ng		98
13) 1,4-Dichlorobenzene	7.857	146	1206902	37.452	ng		99
14) 1,2-Dichlorobenzene	8.169	146	1161572	37.531	ng		99
15) Benzyl Alcohol	8.075	79	943285	41.385	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.363	45	1476624	36.164	ng		99
17) 2-Methylphenol	8.281	107	921757	39.484	ng		99
18) Hexachloroethane	8.892	117	445675	39.216	ng		96
19) n-Nitroso-di-n-propyla...	8.645	70	902123	41.281	ng		99
20) 3+4-Methylphenols	8.616	107	1296808	40.441	ng		100
22) Acetophenone	8.657	105	1668833	37.335	ng	#	99
24) Nitrobenzene	9.039	77	1246051	36.057	ng		97
25) Isophorone	9.563	82	2327372	40.854	ng		99
26) 2-Nitrophenol	9.745	139	644783	41.678	ng		99
27) 2,4-Dimethylphenol	9.810	122	890996	38.807	ng		100
28) bis(2-Chloroethoxy)met...	10.045	93	1345447	37.959	ng		99
29) 2,4-Dichlorophenol	10.280	162	1076695	40.852	ng		98
30) 1,2,4-Trichlorobenzene	10.486	180	1152048	38.546	ng		99
31) Naphthalene	10.675	128	3588875	36.834	ng		99
32) Benzoic acid	10.004	122	873920	42.721	ng		99
33) 4-Chloroaniline	10.798	127	1508778	38.875	ng		99
34) Hexachlorobutadiene	10.945	225	679585	40.720	ng		98
35) Caprolactam	11.639	113	371531	46.369	ng		92
36) 4-Chloro-3-methylphenol	11.933	107	1117210	41.134	ng		98
37) 2-Methylnaphthalene	12.286	142	2620558	39.697	ng		100
38) 1-Methylnaphthalene	12.504	142	2571650	39.869	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	1280423	38.468	ng		99
41) Hexachlorocyclopentadiene	12.621	237	612184	38.602	ng		100
43) 2,4,6-Trichlorophenol	12.904	196	937991	40.936	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	1035467	40.965	ng	97
46) 1,1'-Biphenyl	13.298	154	3269471	36.597	ng	99
47) 2-Chloronaphthalene	13.339	162	2592622	36.468	ng	100
48) 2-Nitroaniline	13.563	65	806927	39.277	ng	97
49) Acenaphthylene	14.186	152	4164727	37.738	ng	99
50) Dimethylphthalate	13.939	163	3365266	39.799	ng	99
51) 2,6-Dinitrotoluene	14.063	165	732421	40.902	ng	93
52) Acenaphthene	14.527	154	2541161	37.246	ng	99
53) 3-Nitroaniline	14.392	138	809703	40.475	ng	97
54) 2,4-Dinitrophenol	14.604	184	441670	40.887	ng	91
55) Dibenzofuran	14.863	168	3998517	38.050	ng	100
56) 4-Nitrophenol	14.715	139	629490	39.444	ng	96
57) 2,4-Dinitrotoluene	14.851	165	1035742	43.957	ng	98
58) Fluorene	15.510	166	3463823	39.490	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	911563	43.027	ng	95
60) Diethylphthalate	15.292	149	3432634	41.768	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	1649857	40.657	ng	100
62) 4-Nitroaniline	15.557	138	834782m	41.608	ng	
63) Azobenzene	15.798	77	3104738	38.348	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	598957	38.740	ng	97
66) n-Nitrosodiphenylamine	15.727	169	2833453	36.770	ng	100
67) 4-Bromophenyl-phenylether	16.398	248	1030708	40.288	ng	98
68) Hexachlorobenzene	16.509	284	1234152	39.862	ng	97
69) Atrazine	16.686	200	823137	42.454	ng	99
70) Pentachlorophenol	16.862	266	743460	41.268	ng	98
71) Phenanthrene	17.251	178	5210149	36.837	ng	99
72) Anthracene	17.339	178	5088370	38.001	ng	100
73) Carbazole	17.621	167	4643110	37.803	ng	99
74) Di-n-butylphthalate	18.174	149	6160943	45.427	ng	99
75) Fluoranthene	19.262	202	6105864	40.839	ng	99
77) Benzidine	19.456	184	1361340	39.903	ng	99
78) Pyrene	19.627	202	6206969	35.280	ng	99
80) Butylbenzylphthalate	20.527	149	2813086	44.773	ng	95
81) Benzo(a)anthracene	21.374	228	5922522	36.360	ng	99
82) 3,3'-Dichlorobenzidine	21.309	252	1899965	39.715	ng	98
83) Chrysene	21.427	228	5610266	35.750	ng	98
84) Bis(2-ethylhexyl)phtha...	21.291	149	4142621	49.125	ng	98
85) Di-n-octyl phthalate	22.197	149	6619112	49.839	ng	97
87) Indeno(1,2,3-cd)pyrene	26.156	276	5368592	32.453	ng	97
88) Benzo(b)fluoranthene	23.015	252	5171006	36.865	ng	98
89) Benzo(k)fluoranthene	23.068	252	5353243	37.415	ng	98
90) Benzo(a)pyrene	23.627	252	4208076	36.820	ng	98
91) Dibenzo(a,h)anthracene	26.168	278	4505131	32.794	ng	99
92) Benzo(g,h,i)perylene	26.903	276	4122017	30.830	ng	97

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

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