Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034310.D
Acq On : 22 Mar 2022 15:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

Quant Time: Mar 22 17:18:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 14:39:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	157484	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	682581	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	469594	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1033076	20.000	ng	0.00
76) Chrysene-d12	21.501	240	1195578	20.000	ng	0.00
86) Perylene-d12	23.912	264	1276781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	700405	79.786	ng	-0.01
7) Phenol-d6	7.096	99	1043450	83.019	ng	-0.01
23) Nitrobenzene-d5	9.107	82	1123339	80.125	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	528302	83.466	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	2608051	75.893	ng	0.00
79) Terphenyl-d14	19.942	244	4812705	69.946	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	152842	38.482	ng	99
3) Pyridine	3.755	79	441477	41.076	ng	99
4) n-Nitrosodimethylamine	3.661	42	205728	40.313	ng	99
6) Aniline	7.260	93	593259	41.304	ng	97
8) 2-Chlorophenol	7.501	128	410113	39.942	ng	99
9) Benzaldehyde	7.066	77	262532	38.769	ng	99
10) Phenol	7.125	94	517567	41.403	ng	98
11) bis(2-Chloroethyl)ether	7.360	93	411264	40.083	ng	99
12) 1,3-Dichlorobenzene	7.831	146	449839	38.623	ng	98
13) 1,4-Dichlorobenzene	7.978	146	461074	38.669	ng	98
14) 1,2-Dichlorobenzene	8.296	146	447026	38.459	ng	99
15) Benzyl Alcohol	8.178	79	423158	42.305	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.478	45	575271	40.855	ng	99
17) 2-Methylphenol	8.384	107	359871	41.104	ng	97
18) Hexachloroethane	9.031	117	171564	39.012	ng	97
19) n-Nitroso-di-n-propyla...	8.754	70	372234	40.943	ng	99
20) 3+4-Methylphenols	8.713	107	514519	42.494	ng	99
22) Acetophenone	8.766	105	680874	38.870	ng	98
24) Nitrobenzene	9.148	77	515432	39.378	ng	99
25) Isophorone	9.678	82	941262	40.121	ng	98
26) 2-Nitrophenol	9.860	139	235780	40.619	ng	98
27) 2,4-Dimethylphenol	9.925	122	366175	40.286	ng	96
28) bis(2-Chloroethoxy)met...	10.160	93	596593	39.719	ng	100
29) 2,4-Dichlorophenol	10.395	162	425660	40.306	ng	100
30) 1,2,4-Trichlorobenzene	10.619	180	457813	38.137	ng	97
31) Naphthalene	10.807	128	1386332	38.985	ng	99
32) Benzoic acid	10.060	122	303054	40.320	ng	99
33) 4-Chloroaniline	10.907	127	586541	41.813	ng	99
34) Hexachlorobutadiene	11.101	225	284218	37.380	ng	97
35) Caprolactam	11.689	113	165790	45.161	ng	94
36) 4-Chloro-3-methylphenol	12.031	107	505359	41.757	ng	98
37) 2-Methylnaphthalene	12.413	142	1009490	39.783	ng	97
38) 1-Methylnaphthalene	12.636	142	990950	39.923	ng	99
40) 1,2,4,5-Tetrachloroben...	12.784	216	523731	36.957	ng	99
41) Hexachlorocyclopentadiene	12.772	237	298888	36.425	ng	100
43) 2,4,6-Trichlorophenol	13.019	196	382273	39.072	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	415559	39.571	ng	99
46) 1,1'-Biphenyl	13.425	154	1364172	38.099	ng	98
47) 2-Chloronaphthalene	13.466	162	1059740	38.558	ng	99
48) 2-Nitroaniline	13.660	65	360224	42.871	ng	99
49) Acenaphthylene	14.307	152	1697288	39.622	ng	99
50) Dimethylphthalate	14.042	163	1430531	40.025	ng	99
51) 2,6-Dinitrotoluene	14.154	165	304663	41.559	ng	98
52) Acenaphthene	14.648	154	1145281m	39.692	ng	
53) 3-Nitroaniline	14.483	138	326957	44.455	ng	99
54) 2,4-Dinitrophenol	14.683	184	181156	44.106	ng	98
55) Dibenzofuran	14.983	168	1705308	39.659	ng	98
56) 4-Nitrophenol	14.783	139	268173	44.977	ng	99
57) 2,4-Dinitrotoluene	14.936	165	432298	43.626	ng	98
58) Fluorene	15.630	166	1437436	41.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.207	232	385470	40.705	ng	99
60) Diethylphthalate	15.401	149	1500664	40.925	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	707473	39.696	ng	100
62) 4-Nitroaniline	15.642	138	344112	48.636	ng	98
63) Azobenzene	15.913	77	1474530	41.702	ng	99
65) 4,6-Dinitro-2-methylph...	15.701	198	277765	41.350	ng	96
66) n-Nitrosodiphenylamine	15.836	169	1247170	37.999	ng	98
67) 4-Bromophenyl-phenylether	16.513	248	445101	37.479	ng	99
68) Hexachlorobenzene	16.636	284	497374	37.549	ng	99
69) Atrazine	16.783	200	438616	40.545	ng	99
70) Pentachlorophenol	16.971	266	338814	39.998	ng	98
71) Phenanthrene	17.366	178	2287110	39.532	ng	100
72) Anthracene	17.454	178	2284059	40.561	ng	99
73) Carbazole	17.724	167	2247409	42.794	ng	99
74) Di-n-butylphthalate	18.289	149	2707756	41.475	ng	99
75) Fluoranthene	19.377	202	2792553	43.057	ng	99
77) Benzidine	19.554	184	668442	38.152	ng	99
78) Pyrene	19.742	202	2929836	34.782	ng	99
80) Butylbenzylphthalate	20.636	149	1334844	37.470	ng	99
81) Benzo(a)anthracene	21.483	228	2992899	39.662	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	1046206	41.509	ng	99
83) Chrysene	21.536	228	2962066	38.439	ng	100
84) Bis(2-ethylhexyl)phtha...	21.412	149	2057751	39.116	ng	100
85) Di-n-octyl phthalate	22.342	149	3465333	41.499	ng	99
87) Indeno(1,2,3-cd)pyrene	26.436	276	3427575	41.732	ng	98
88) Benzo(b)fluoranthene	23.177	252	2943012	38.547	ng	99
89) Benzo(k)fluoranthene	23.230	252	3201408	39.583	ng	99
90) Benzo(a)pyrene	23.806	252	2584317	39.928	ng	99
91) Dibenzo(a,h)anthracene	26.453	278	2807741	42.160	ng	98
92) Benzo(g,h,i)perylene	27.212	276	2834197	41.116	ng	99

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

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