Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032122\
Data File : BM034288.D
Acq On : 21 Mar 2022 14:37
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 22 04:09:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
03/22/2022

Supervised By :Jagrut
Updated By :Jagrut
03/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.943	152	170877	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	712666	20.000	ng		0.00
39) Acenaphthene-d10	14.583	164	487530	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1029160	20.000	ng		0.00
76) Chrysene-d12	21.501	240	1088837	20.000	ng		0.00
86) Perylene-d12	23.912	264	1055180	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.490	112	751053	78.850	ng		-0.01
7) Phenol-d6	7.101	99	1072049	78.609	ng		0.00
23) Nitrobenzene-d5	9.107	82	1173035	80.137	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	534961	81.409	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	2734875	76.655	ng		0.00
79) Terphenyl-d14	19.942	244	4668578	74.503	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	171233	39.733	ng		99
3) Pyridine	3.755	79	461438	39.568	ng		96
4) n-Nitrosodimethylamine	3.666	42	224910	40.617	ng		95
6) Aniline	7.260	93	618371	39.678	ng		99
8) 2-Chlorophenol	7.501	128	436238	39.156	ng		98
9) Benzaldehyde	7.072	77	272455	37.081	ng		98
10) Phenol	7.125	94	530204	39.090	ng		97
11) bis(2-Chloroethyl)ether	7.360	93	433559	38.944	ng		99
12) 1,3-Dichlorobenzene	7.831	146	490702	38.830	ng		99
13) 1,4-Dichlorobenzene	7.978	146	503364	38.907	ng		99
14) 1,2-Dichlorobenzene	8.301	146	487551	38.658	ng		99
15) Benzyl Alcohol	8.184	79	440785	40.613	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.478	45	603681	39.513	ng		98
17) 2-Methylphenol	8.384	107	373776	39.347	ng		99
18) Hexachloroethane	9.037	117	189159	39.642	ng		98
19) n-Nitroso-di-n-propyla...	8.754	70	388934	39.427	ng		98
20) 3+4-Methylphenols	8.719	107	522583	39.777	ng		99
22) Acetophenone	8.766	105	713094	38.991	ng	#	97
24) Nitrobenzene	9.148	77	542023	39.661	ng		100
25) Isophorone	9.678	82	976547	39.868	ng		98
26) 2-Nitrophenol	9.866	139	248750	41.044	ng		99
27) 2,4-Dimethylphenol	9.925	122	375965	39.617	ng		99
28) bis(2-Chloroethoxy)met...	10.160	93	625847	39.908	ng		99
29) 2,4-Dichlorophenol	10.401	162	444645	40.326	ng		99
30) 1,2,4-Trichlorobenzene	10.625	180	486296	38.800	ng		99
31) Naphthalene	10.807	128	1453438	39.147	ng		99
32) Benzoic acid	10.066	122	308607	39.325	ng		99
33) 4-Chloroaniline	10.913	127	599464	40.930	ng		99
34) Hexachlorobutadiene	11.101	225	308665	38.882	ng		96
35) Caprolactam	11.695	113	159016	41.487	ng		99
36) 4-Chloro-3-methylphenol	12.036	107	519826	41.139	ng		98
37) 2-Methylnaphthalene	12.419	142	1058055	39.937	ng		99
38) 1-Methylnaphthalene	12.636	142	1045244	40.332	ng		100
40) 1,2,4,5-Tetrachloroben...	12.789	216	551326	37.473	ng		100
41) Hexachlorocyclopentadiene	12.772	237	324636	38.108	ng		99
43) 2,4,6-Trichlorophenol	13.019	196	398141	39.196	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	431008	39.532	ng	99
46) 1,1'-Biphenyl	13.425	154	1425533	38.348	ng	99
47) 2-Chloronaphthalene	13.466	162	1087642	38.118	ng	97
48) 2-Nitroaniline	13.660	65	365354	41.882	ng	99
49) Acenaphthylene	14.307	152	1748622	39.319	ng	99
50) Dimethylphthalate	14.042	163	1445813	38.964	ng	99
51) 2,6-Dinitrotoluene	14.154	165	307013	40.339	ng	99
52) Acenaphthene	14.648	154	1188267m	39.667	ng	
53) 3-Nitroaniline	14.483	138	319797	41.881	ng	98
54) 2,4-Dinitrophenol	14.689	184	182939	42.901	ng	99
55) Dibenzofuran	14.983	168	1748995	39.178	ng	99
56) 4-Nitrophenol	14.783	139	258181	41.708	ng	99
57) 2,4-Dinitrotoluene	14.942	165	426333	41.441	ng	97
58) Fluorene	15.630	166	1454054	40.121	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.207	232	395975	40.276	ng	99
60) Diethylphthalate	15.401	149	1539796	40.448	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	737975	39.884	ng	99
62) 4-Nitroaniline	15.642	138	327211	44.546	ng	99
63) Azobenzene	15.919	77	1511986	41.188	ng	99
65) 4,6-Dinitro-2-methylph...	15.707	198	279607	41.782	ng	98
66) n-Nitrosodiphenylamine	15.836	169	1264704	38.680	ng	98
67) 4-Bromophenyl-phenylether	16.519	248	459641	38.851	ng	97
68) Hexachlorobenzene	16.636	284	502043	38.045	ng	97
69) Atrazine	16.783	200	448554	41.621	ng	99
70) Pentachlorophenol	16.977	266	343823	40.743	ng	98
71) Phenanthrene	17.366	178	2296155	39.840	ng	100
72) Anthracene	17.460	178	2234604	39.834	ng	100
73) Carbazole	17.724	167	2150187	41.098	ng	99
74) Di-n-butylphthalate	18.295	149	2747616	42.245	ng	99
75) Fluoranthene	19.377	202	2708050	41.913	ng	98
77) Benzidine	19.560	184	710748m	44.544	ng	
78) Pyrene	19.742	202	2828219	36.867	ng	100
80) Butylbenzylphthalate	20.636	149	1297272	39.985	ng	100
81) Benzo(a)anthracene	21.483	228	2730921	39.738	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	920936	40.121	ng	97
83) Chrysene	21.536	228	2692356	38.364	ng	100
84) Bis(2-ethylhexyl)phtha...	21.412	149	1926472	40.211	ng	99
85) Di-n-octyl phthalate	22.342	149	3171957	41.709	ng	100
87) Indeno(1,2,3-cd)pyrene	26.436	276	2496121	36.773	ng	98
88) Benzo(b)fluoranthene	23.177	252	2447262	38.785	ng	99
89) Benzo(k)fluoranthene	23.230	252	2655325	39.726	ng	99
90) Benzo(a)pyrene	23.806	252	2100065	39.261	ng	99
91) Dibenzo(a,h)anthracene	26.453	278	2031915	36.918	ng	99
92) Benzo(g,h,i)perylene	27.212	276	2059455	36.151	ng	100

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

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