Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
Data File : BM036113.D
Acq On : 05 Aug 2022 10:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

Quant Time: Aug 06 01:10:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	282274	20.000	ng		0.00
21) Naphthalene-d8	10.657	136	1201780	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	706386	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	1387622	20.000	ng		0.00
76) Chrysene-d12	21.415	240	1279961	20.000	ng		0.00
86) Perylene-d12	23.768	264	1349618	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1385715	79.590	ng		0.00
7) Phenol-d6	7.028	99	1796430	81.089	ng		0.00
23) Nitrobenzene-d5	9.022	82	1638877	76.336	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	616666	74.415	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	3454119	72.197	ng		0.00
79) Terphenyl-d14	19.856	244	4629701	71.345	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	269251	38.378	ng	#	93
3) Pyridine	3.693	79	747972	39.758	ng		88
4) n-Nitrosodimethylamine	3.604	42	310021	40.101	ng	#	61
6) Aniline	7.181	93	980484	39.966	ng		95
8) 2-Chlorophenol	7.416	128	736871	39.695	ng		95
9) Benzaldehyde	6.992	77	438498	37.388	ng		93
10) Phenol	7.051	94	904297	40.539	ng		91
11) bis(2-Chloroethyl)ether	7.281	93	701153	38.157	ng		96
12) 1,3-Dichlorobenzene	7.739	146	804585	39.113	ng		97
13) 1,4-Dichlorobenzene	7.886	146	817237	38.957	ng		99
14) 1,2-Dichlorobenzene	8.204	146	787286	38.895	ng		99
15) Benzyl Alcohol	8.098	79	598354	40.248	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.381	45	914564	37.430	ng		98
17) 2-Methylphenol	8.304	107	597615	40.472	ng		95
18) Hexachloroethane	8.928	117	291770	38.636	ng		96
19) n-Nitroso-di-n-propyla...	8.669	70	526419	39.119	ng	#	87
20) 3+4-Methylphenols	8.633	107	817056	40.728	ng		96
22) Acetophenone	8.686	105	1072795	37.710	ng	#	91
24) Nitrobenzene	9.063	77	770625	38.182	ng		97
25) Isophorone	9.592	82	1313181	37.599	ng		99
26) 2-Nitrophenol	9.775	139	398099	41.819	ng		91
27) 2,4-Dimethylphenol	9.839	122	572040	38.791	ng		96
28) bis(2-Chloroethoxy)met...	10.075	93	891376	35.823	ng		99
29) 2,4-Dichlorophenol	10.310	162	645361	38.915	ng		99
30) 1,2,4-Trichlorobenzene	10.522	180	698032	37.143	ng		97
31) Naphthalene	10.710	128	2228358	37.295	ng		99
32) Benzoic acid	9.986	122	477209	40.823	ng		94
33) 4-Chloroaniline	10.827	127	914752	37.988	ng		95
34) Hexachlorobutadiene	10.986	225	401500	36.357	ng		97
35) Caprolactam	11.627	113	211003	41.308	ng		97
36) 4-Chloro-3-methylphenol	11.957	107	677718	38.880	ng		98
37) 2-Methylnaphthalene	12.321	142	1465351	36.855	ng		97
38) 1-Methylnaphthalene	12.539	142	1430756	36.745	ng		98
40) 1,2,4,5-Tetrachloroben...	12.686	216	703214	36.720	ng		99
41) Hexachlorocyclopentadiene	12.663	237	369073	36.388	ng		99
43) 2,4,6-Trichlorophenol	12.933	196	500834	38.433	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	533028	38.748	ng	97
46) 1,1'-Biphenyl	13.333	154	1887077	36.657	ng	98
47) 2-Chloronaphthalene	13.374	162	1452493	36.865	ng	99
48) 2-Nitroaniline	13.586	65	442074	41.171	ng	89
49) Acenaphthylene	14.215	152	2299525	37.756	ng	100
50) Dimethylphthalate	13.963	163	1725103	35.912	ng	99
51) 2,6-Dinitrotoluene	14.080	165	372725	38.672	ng	91
52) Acenaphthene	14.557	154	1489414m	37.384	ng	
53) 3-Nitroaniline	14.410	138	457835	40.715	ng	95
54) 2,4-Dinitrophenol	14.615	184	220829	43.297	ng	90
55) Dibenzofuran	14.892	168	2204720	36.954	ng	97
56) 4-Nitrophenol	14.721	139	374130	41.576	ng	87
57) 2,4-Dinitrotoluene	14.862	165	503400	39.848	ng	97
58) Fluorene	15.539	166	1712674	36.392	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.115	232	435593	37.381	ng	97
60) Diethylphthalate	15.321	149	1719134	34.825	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	823721	35.101	ng	96
62) 4-Nitroaniline	15.568	138	479178	41.422	ng	92
63) Azobenzene	15.827	77	1684443	35.893	ng	94
65) 4,6-Dinitro-2-methylph...	15.627	198	305022	42.991	ng	91
66) n-Nitrosodiphenylamine	15.751	169	1454170	37.122	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	492357	35.473	ng	96
68) Hexachlorobenzene	16.539	284	573337	36.001	ng	92
69) Atrazine	16.704	200	423762	38.661	ng	98
70) Pentachlorophenol	16.886	266	356909	38.266	ng	99
71) Phenanthrene	17.274	178	2613905	36.975	ng	99
72) Anthracene	17.368	178	2558716	37.385	ng	99
73) Carbazole	17.645	167	2635770	38.008	ng	98
74) Di-n-butylphthalate	18.203	149	2812812	33.978	ng	99
75) Fluoranthene	19.292	202	2904280	36.701	ng	99
77) Benzidine	19.486	184	727945	37.922	ng	99
78) Pyrene	19.650	202	3021798	38.072	ng	99
80) Butylbenzylphthalate	20.556	149	1272018	37.132	ng	96
81) Benzo(a)anthracene	21.397	228	2928770	37.149	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	764221	39.921	ng	99
83) Chrysene	21.450	228	2771962	36.988	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1713977	33.164	ng	99
85) Di-n-octyl phthalate	22.238	149	2884653	34.201	ng	95
87) Indeno(1,2,3-cd)pyrene	26.221	276	3556673	37.500	ng	99
88) Benzo(b)fluoranthene	23.056	252	2899922	36.674	ng	99
89) Benzo(k)fluoranthene	23.103	252	2797408	35.027	ng	99
90) Benzo(a)pyrene	23.668	252	2457273	37.038	ng	99
91) Dibenzo(a,h)anthracene	26.238	278	2950829	37.169	ng	98
92) Benzo(g,h,i)perylene	26.979	276	2939756	38.250	ng	100

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

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