Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071322\
Data File : BM035791.D
Acq On : 13 Jul 2022 11:43
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 13 13:35:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 13 13:33:04 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/14/2022
Supervised By :Jagrut Upadhyay 07/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	303005	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	1184543	20.000	ng		0.00
39) Acenaphthene-d10	14.539	164	671796	20.000	ng		0.00
64) Phenanthrene-d10	17.280	188	1321565	20.000	ng		0.00
76) Chrysene-d12	21.456	240	1313203	20.000	ng		0.00
86) Perylene-d12	23.833	264	1265150	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1490988	83.444	ng		0.00
7) Phenol-d6	7.069	99	1869534	75.503	ng		0.00
23) Nitrobenzene-d5	9.075	82	1687351	77.411	ng		0.00
42) 2,4,6-Tribromophenol	16.021	330	571410	79.891	ng		0.00
45) 2-Fluorobiphenyl	13.174	172	3850679	81.887	ng		0.00
79) Terphenyl-d14	19.903	244	5522699	80.298	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	304403	44.665	ng		94
3) Pyridine	3.728	79	805943m	42.283	ng		
4) n-Nitrosodimethylamine	3.646	42	354493	40.294	ng	#	74
6) Aniline	7.234	93	1026886	38.368	ng		95
8) 2-Chlorophenol	7.469	128	772176	37.646	ng		95
9) Benzaldehyde	7.045	77	466488	37.528	ng		93
10) Phenol	7.098	94	935399	38.888	ng		90
11) bis(2-Chloroethyl)ether	7.334	93	757367	39.282	ng		95
12) 1,3-Dichlorobenzene	7.792	146	875288	40.003	ng		98
13) 1,4-Dichlorobenzene	7.945	146	884944	39.506	ng		98
14) 1,2-Dichlorobenzene	8.263	146	853621	39.044	ng		99
15) Benzyl Alcohol	8.151	79	598142	36.059	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.451	45	977256	29.184	ng		97
17) 2-Methylphenol	8.351	107	604644	36.630	ng		95
18) Hexachloroethane	8.992	117	314905	39.198	ng		95
19) n-Nitroso-di-n-propyla...	8.722	70	543301	34.907	ng		90
20) 3+4-Methylphenols	8.681	107	811600	35.075	ng		96
22) Acetophenone	8.734	105	1130995	39.422	ng	#	94
24) Nitrobenzene	9.116	77	785235	39.344	ng		97
25) Isophorone	9.639	82	1352570	38.155	ng		98
26) 2-Nitrophenol	9.828	139	299178	29.291	ng		92
27) 2,4-Dimethylphenol	9.886	122	572614	38.257	ng		98
28) bis(2-Chloroethoxy)met...	10.133	93	931992	37.786	ng		99
29) 2,4-Dichlorophenol	10.357	162	639666	38.351	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	750592	40.479	ng		98
31) Naphthalene	10.763	128	2357337	39.731	ng		99
32) Benzoic acid	10.010	122	336213	26.130	ng		91
33) 4-Chloroaniline	10.875	127	957350	39.658	ng		96
34) Hexachlorobutadiene	11.051	225	432620	41.458	ng		99
35) Caprolactam	11.645	113	175369	31.019	ng		96
36) 4-Chloro-3-methylphenol	11.998	107	650207	34.385	ng		98
37) 2-Methylnaphthalene	12.374	142	1575540	38.560	ng		97
38) 1-Methylnaphthalene	12.592	142	1539047	38.538	ng		97
40) 1,2,4,5-Tetrachloroben...	12.733	216	773142	40.834	ng		99
41) Hexachlorocyclopentadiene	12.722	237	410299	66.228	ng		98
43) 2,4,6-Trichlorophenol	12.980	196	478779	36.865	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	502043	35.833	ng	98
46) 1,1'-Biphenyl	13.386	154	2016797	38.547	ng	98
47) 2-Chloronaphthalene	13.421	162	1546706	39.308	ng	99
48) 2-Nitroaniline	13.627	65	380997	31.986	ng	90
49) Acenaphthylene	14.263	152	2384489	38.687	ng	99
50) Dimethylphthalate	14.010	163	1743235	35.262	ng	99
51) 2,6-Dinitrotoluene	14.121	165	366932	35.457	ng	91
52) Acenaphthene	14.604	154	1440575	40.124	ng	100
53) 3-Nitroaniline	14.445	138	431222	38.828	ng	96
54) 2,4-Dinitrophenol	14.645	184	126705	23.385	ng	92
55) Dibenzofuran	14.939	168	2311064	40.177	ng	97
56) 4-Nitrophenol	14.745	139	319685	42.373	ng	85
57) 2,4-Dinitrotoluene	14.898	165	476365	36.248	ng	96
58) Fluorene	15.586	166	1869650	41.607	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.163	232	421894	37.864	ng	97
60) Diethylphthalate	15.368	149	1748947	36.150	ng	100
61) 4-Chlorophenyl-phenyle...	15.586	204	927763	42.667	ng	96
62) 4-Nitroaniline	15.604	138	452558	42.104	ng	93
63) Azobenzene	15.874	77	1800037	39.282	ng	94
65) 4,6-Dinitro-2-methylph...	15.657	198	200159	24.055	ng	96
66) n-Nitrosodiphenylamine	15.798	169	1531764	38.922	ng	99
67) 4-Bromophenyl-phenylether	16.474	248	521317	38.231	ng	95
68) Hexachlorobenzene	16.580	284	612536	41.087	ng	92
69) Atrazine	16.745	200	416454	34.858	ng	98
70) Pentachlorophenol	16.921	266	329990	42.037	ng	99
71) Phenanthrene	17.321	178	2761202	39.367	ng	99
72) Anthracene	17.409	178	2714490	39.665	ng	99
73) Carbazole	17.680	167	2723630	41.045	ng	99
74) Di-n-butylphthalate	18.256	149	2792768	35.188	ng	99
75) Fluoranthene	19.333	202	3157388	43.350	ng	99
77) Benzidine	19.521	184	913024	37.821	ng	99
78) Pyrene	19.692	202	3283221	35.620	ng	99
80) Butylbenzylphthalate	20.603	149	1083626	26.540	ng	99
81) Benzo(a)anthracene	21.439	228	3300499	40.343	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	701116	37.226	ng	100
83) Chrysene	21.492	228	3155883	39.937	ng	100
84) Bis(2-ethylhexyl)phtha...	21.386	149	1692352	28.900	ng	99
85) Di-n-octyl phthalate	22.309	149	2625025	27.591	ng	97
87) Indeno(1,2,3-cd)pyrene	26.321	276	3762807	43.053	ng	99
88) Benzo(b)fluoranthene	23.109	252	3047102	40.889	ng	98
89) Benzo(k)fluoranthene	23.162	252	3263558	43.259	ng	99
90) Benzo(a)pyrene	23.733	252	2603000	41.401	ng	100
91) Dibenzo(a,h)anthracene	26.344	278	3104515	42.937	ng	99
92) Benzo(g,h,i)perylene	27.079	276	3052012	42.436	ng	98

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

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