Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020922\
Data File : BM034030.D
Acq On : 09 Feb 2022 15:57
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 09 16:46:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 09 16:41:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.900	152	166286	20.000	ng		0.00
21) Naphthalene-d8	10.715	136	603272	20.000	ng	#	0.00
39) Acenaphthene-d10	14.545	164	386576	20.000	ng		0.00
64) Phenanthrene-d10	17.270	188	723800	20.000	ng	#	0.00
76) Chrysene-d12	21.437	240	633601	20.000	ng	#	0.00
86) Perylene-d12	23.825	264	789263	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.444	112	1139032	111.455	ng		0.00
7) Phenol-d6	7.066	99	1496125	112.739	ng		0.00
23) Nitrobenzene-d5	9.071	82	1541971	122.102	ng		0.00
42) 2,4,6-Tribromophenol	16.031	330	553038	117.689	ng		0.00
45) 2-Fluorobiphenyl	13.171	172	3224730	113.171	ng		0.00
79) Terphenyl-d14	19.906	244	4224016	125.958	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	222049m	50.314	ng		
3) Pyridine	3.710	79	700162	62.018	ng	#	74
4) n-Nitrosodimethylamine	3.620	42	254968	44.122	ng	#	29
6) Aniline	7.224	93	828749	55.076	ng		92
8) 2-Chlorophenol	7.472	128	580458	53.224	ng	#	76
9) Benzaldehyde	7.021	77	343472	48.728	ng		97
10) Phenol	7.089	94	777225	58.259	ng		89
11) bis(2-Chloroethyl)ether	7.314	93	566097	54.683	ng		93
12) 1,3-Dichlorobenzene	7.787	146	679395	54.348	ng		96
13) 1,4-Dichlorobenzene	7.945	146	667648	52.237	ng		94
14) 1,2-Dichlorobenzene	8.260	146	664677	53.974	ng		96
15) Benzyl Alcohol	8.147	79	567418	53.740	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.440	45	615545	41.876	ng		84
17) 2-Methylphenol	8.350	107	489597	53.974	ng		94
18) Hexachloroethane	8.981	117	246437	52.884	ng		89
19) n-Nitroso-di-n-propyla...	8.711	70	463211	55.617	ng	#	82
20) 3+4-Methylphenols	8.666	107	666959	53.021	ng		97
22) Acetophenone	8.733	105	900329	56.992	ng	#	83
24) Nitrobenzene	9.116	77	657470	55.087	ng	#	81
25) Isophorone	9.634	82	1115216	58.191	ng		100
26) 2-Nitrophenol	9.814	139	309083	60.179	ng		93
27) 2,4-Dimethylphenol	9.882	122	507983	62.260	ng		95
28) bis(2-Chloroethoxy)met...	10.130	93	729396	56.939	ng	#	98
29) 2,4-Dichlorophenol	10.355	162	537520	58.546	ng		98
30) 1,2,4-Trichlorobenzene	10.580	180	640417	61.478	ng		98
31) Naphthalene	10.760	128	1830372	56.568	ng		99
32) Benzoic acid	10.040	122	392458	64.369	ng		91
33) 4-Chloroaniline	10.873	127	754465	59.396	ng	#	88
34) Hexachlorobutadiene	11.053	225	406651	59.040	ng		97
35) Caprolactam	11.661	113	169808	61.850	ng	#	62
36) 4-Chloro-3-methylphenol	11.999	107	636206	58.748	ng		93
37) 2-Methylnaphthalene	12.382	142	1211833	55.736	ng		96
38) 1-Methylnaphthalene	12.585	142	1176606	55.236	ng		99
40) 1,2,4,5-Tetrachloroben...	12.743	216	707481	60.382	ng		98
41) Hexachlorocyclopentadiene	12.720	237	378697	54.180	ng		97
43) 2,4,6-Trichlorophenol	12.990	196	433285	55.290	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.058	196	480387	57.010	ng	#	86
46) 1,1'-Biphenyl	13.373	154	1577565	52.567	ng		99
47) 2-Chloronaphthalene	13.418	162	1295209	56.513	ng		99
48) 2-Nitroaniline	13.621	65	399563	55.027	ng	#	74
49) Acenaphthylene	14.274	152	1854881	51.910	ng		99
50) Dimethylphthalate	14.004	163	1725353	59.893	ng		98
51) 2,6-Dinitrotoluene	14.117	165	360808	62.718	ng	#	78
52) Acenaphthene	14.612	154	1313405	59.684	ng		99
53) 3-Nitroaniline	14.432	138	333799	52.464	ng		91
54) 2,4-Dinitrophenol	14.657	184	196221	56.093	ng	#	61
55) Dibenzofuran	14.928	168	1756101	49.172	ng		91
56) 4-Nitrophenol	14.747	139	331908	64.339	ng	#	75
57) 2,4-Dinitrotoluene	14.905	165	479462	61.916	ng	#	61
58) Fluorene	15.581	166	1576390	56.371	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	403595	54.833	ng	#	34
60) Diethylphthalate	15.355	149	1684291	58.585	ng		97
61) 4-Chlorophenyl-phenyle...	15.581	204	904494	63.694	ng		95
62) 4-Nitroaniline	15.603	138	412352	62.838	ng		90
63) Azobenzene	15.874	77	1625976	57.251	ng		83
65) 4,6-Dinitro-2-methylph...	15.671	198	286566	64.380	ng	#	49
66) n-Nitrosodiphenylamine	15.783	169	1213669	54.304	ng		98
67) 4-Bromophenyl-phenylether	16.482	248	453666	58.169	ng	#	78
68) Hexachlorobenzene	16.594	284	565970	64.957	ng	#	89
69) Atrazine	16.752	200	396857	52.718	ng		88
70) Pentachlorophenol	16.932	266	383362	70.610	ng		98
71) Phenanthrene	17.315	178	2348206	57.669	ng		99
72) Anthracene	17.405	178	2388265	60.618	ng		99
73) Carbazole	17.676	167	2464474	63.079	ng		100
74) Di-n-butylphthalate	18.239	149	2935323	69.344	ng		99
75) Fluoranthene	19.320	202	2481871	54.577	ng		92
77) Benzidine	19.500	184	739750	56.146	ng		100
78) Pyrene	19.680	202	2637471	63.008	ng		98
80) Butylbenzylphthalate	20.581	149	1707486	101.633	ng		92
81) Benzo(a)anthracene	21.437	228	3149489	76.789	ng		99
83) Chrysene	21.482	228	3149280m	79.289	ng		
84) Bis(2-ethylhexyl)phtha...	21.347	149	1357514	56.971	ng	#	92
85) Di-n-octyl phthalate	22.271	149	3634721	91.031	ng	#	89
87) Indeno(1,2,3-cd)pyrene	26.325	276	3388347	58.888	ng		99
88) Benzo(b)fluoranthene	23.104	252	2979798m	62.490	ng		
89) Benzo(k)fluoranthene	23.149	252	2753949m	56.988	ng		
90) Benzo(a)pyrene	23.735	252	2469291	61.310	ng	#	97
91) Dibenzo(a,h)anthracene	26.348	278	2790396	57.684	ng		97
92) Benzo(g,h,i)perylene	27.091	276	2766492	58.606	ng		99

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

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