Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020422\
Data File : BM034018.D
Acq On : 04 Feb 2022 14:30
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/10/2022
Supervised By :mohammad ahmed 02/10/2022

Quant Time: Feb 04 16:42:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 04 16:38:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.913	152	93396	20.000	ng		0.00
21) Naphthalene-d8	10.731	136	354656	20.000	ng		0.00
39) Acenaphthene-d10	14.554	164	214267	20.000	ng		0.00
64) Phenanthrene-d10	17.289	188	430527	20.000	ng		0.00
76) Chrysene-d12	21.459	240	418133	20.000	ng		0.00
86) Perylene-d12	23.841	264	435588	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.466	112	559829	100.720	ng		0.00
7) Phenol-d6	7.078	99	731064	93.361	ng		0.00
23) Nitrobenzene-d5	9.078	82	734230	101.881	ng		0.00
42) 2,4,6-Tribromophenol	16.042	330	264437	91.030	ng		0.00
45) 2-Fluorobiphenyl	13.183	172	1536701	100.897	ng		0.00
79) Terphenyl-d14	19.906	244	2202795	87.363	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.313	88	117028	53.885	ng	#	92
3) Pyridine	3.725	79	308162m	49.131	ng		
4) n-Nitrosodimethylamine	3.631	42	153578	52.203	ng	#	74
6) Aniline	7.237	93	409173	45.015	ng		96
8) 2-Chlorophenol	7.478	128	297871	46.259	ng		90
9) Benzaldehyde	7.043	77	179693	39.022	ng		93
10) Phenol	7.101	94	365950	46.598	ng		95
11) bis(2-Chloroethyl)ether	7.337	93	276471	43.772	ng		92
12) 1,3-Dichlorobenzene	7.807	146	340559	47.813	ng		95
13) 1,4-Dichlorobenzene	7.954	146	346889	47.337	ng		96
14) 1,2-Dichlorobenzene	8.272	146	332426	46.519	ng		98
15) Benzyl Alcohol	8.154	79	294344	44.453	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.448	45	384568	43.993	ng		97
17) 2-Methylphenol	8.360	107	255606	44.804	ng		94
18) Hexachloroethane	9.007	117	127561	47.076	ng		95
19) n-Nitroso-di-n-propyla...	8.731	70	228422	40.716	ng		91
20) 3+4-Methylphenols	8.690	107	347736	43.625	ng		94
22) Acetophenone	8.742	105	451831	48.253	ng	#	93
24) Nitrobenzene	9.125	77	347422	51.234	ng		91
25) Isophorone	9.654	82	566702	44.650	ng		98
26) 2-Nitrophenol	9.836	139	158073	48.257	ng		89
27) 2,4-Dimethylphenol	9.901	122	236045	47.193	ng		99
28) bis(2-Chloroethoxy)met...	10.136	93	368350	45.550	ng		98
29) 2,4-Dichlorophenol	10.372	162	272870	47.715	ng		99
30) 1,2,4-Trichlorobenzene	10.595	180	303671	49.076	ng		99
31) Naphthalene	10.778	128	929347	48.543	ng		99
32) Benzoic acid	10.036	122	194866	48.548	ng		89
33) 4-Chloroaniline	10.884	127	376982	47.320	ng		95
34) Hexachlorobutadiene	11.072	225	196540	48.469	ng		98
35) Caprolactam	11.672	113	86707	42.576	ng	#	79
36) 4-Chloro-3-methylphenol	12.013	107	322604	45.801	ng		99
37) 2-Methylnaphthalene	12.389	142	625165	45.582	ng		99
38) 1-Methylnaphthalene	12.607	142	609576	45.532	ng		99
40) 1,2,4,5-Tetrachloroben...	12.760	216	315480	50.882	ng		99
41) Hexachlorocyclopentadiene	12.742	237	196956	51.612	ng		98
43) 2,4,6-Trichlorophenol	12.995	196	219104	49.491	ng		95

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44) 2,4,5-Trichlorophenol	13.066	196	235390	49.374	ng		96
46) 1,1'-Biphenyl	13.395	154	812026	50.075	ng		98
47) 2-Chloronaphthalene	13.436	162	622357	50.296	ng		98
48) 2-Nitroaniline	13.636	65	210235	51.949	ng	#	85
49) Acenaphthylene	14.277	152	989333	49.620	ng		99
50) Dimethylphthalate	14.013	163	793088	46.979	ng		98
51) 2,6-Dinitrotoluene	14.130	165	163855	48.100	ng		92
52) Acenaphthene	14.619	154	593119	44.502	ng		98
53) 3-Nitroaniline	14.454	138	186418	50.039	ng		90
54) 2,4-Dinitrophenol	14.660	184	103491	50.189	ng		90
55) Dibenzofuran	14.954	168	968855	48.648	ng		96
56) 4-Nitrophenol	14.760	139	156906	51.326	ng	#	88
57) 2,4-Dinitrotoluene	14.913	165	226332	47.754	ng		88
58) Fluorene	15.601	166	763603	48.646	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.177	232	204878	47.124	ng		98
60) Diethylphthalate	15.371	149	791688	44.726	ng		99
61) 4-Chlorophenyl-phenyle...	15.595	204	386285	47.070	ng		95
62) 4-Nitroaniline	15.613	138	195856	50.058	ng		96
63) Azobenzene	15.883	77	787020	48.358	ng		96
65) 4,6-Dinitro-2-methylph...	15.677	198	142267	50.452	ng		86
66) n-Nitrosodiphenylamine	15.807	169	656887	49.025	ng		99
67) 4-Bromophenyl-phenylether	16.483	248	225908	46.183	ng		92
68) Hexachlorobenzene	16.607	284	251849	47.164	ng		96
69) Atrazine	16.754	200	223598	44.548	ng		99
70) Pentachlorophenol	16.942	266	166684	48.568	ng		97
71) Phenanthrene	17.336	178	1173245	48.952	ng		99
72) Anthracene	17.424	178	1154005	48.958	ng		99
73) Carbazole	17.695	167	1164590	50.623	ng		99
74) Di-n-butylphthalate	18.259	149	1292137	44.563	ng		100
75) Fluoranthene	19.342	202	1336184	49.789	ng		99
77) Benzidine	19.524	184	381804	35.990	ng		100
78) Pyrene	19.706	202	1388171	44.937	ng		99
80) Butylbenzylphthalate	20.595	149	594589	41.805	ng		97
81) Benzo(a)anthracene	21.442	228	1345870	48.632	ng		98
82) 3,3'-Dichlorobenzidine	21.377	252	483208	48.827	ng		98
83) Chrysene	21.495	228	1293526	48.933	ng		99
84) Bis(2-ethylhexyl)phtha...	21.377	149	837996	40.775	ng		99
85) Di-n-octyl phthalate	22.289	149	1398954	42.362	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.341	276	1585592	54.752	ng		100
88) Benzo(b)fluoranthene	23.118	252	1317073	47.365	ng		98
89) Benzo(k)fluoranthene	23.165	252	1315890	47.253	ng		100
90) Benzo(a)pyrene	23.741	252	1111802	48.913	ng		99
91) Dibenzo(a,h)anthracene	26.353	278	1321068	54.002	ng		97
92) Benzo(g,h,i)perylene	27.106	276	1293542	55.568	ng		98

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

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