Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061022\
Data File : BM035449.D
Acq On : 10 Jun 2022 15:05
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/13/2022
Supervised By :Jagrut Upadhyay 06/13/2022

Quant Time: Jun 10 15:34:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 10 14:00:28 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	339479	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1376255	20.000	ng	# 0.00
39) Acenaphthene-d10	14.469	164	840276	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1649784	20.000	ng	# 0.00
76) Chrysene-d12	21.403	240	1266274	20.000	ng	0.00
86) Perylene-d12	23.744	264	1153964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	3060283	189.427	ng	0.00
7) Phenol-d6	7.010	99	4220063	191.231	ng	0.00
23) Nitrobenzene-d5	8.992	82	4074151	187.969	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	1473967	109.329	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	8475617	144.872	ng	0.00
79) Terphenyl-d14	19.845	244	9783430	153.926	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	580471	107.105	ng	94
3) Pyridine	3.705	79	1683609m	113.919	ng	
4) n-Nitrosodimethylamine	3.616	42	817678	146.629	ng	87
6) Aniline	7.157	93	2320494	96.198	ng	99
8) 2-Chlorophenol	7.393	128	1742889	85.976	ng	98
10) Phenol	7.040	94	2065662	97.098	ng	95
11) bis(2-Chloroethyl)ether	7.251	93	1635432	94.505	ng	97
12) 1,3-Dichlorobenzene	7.710	146	1825591	77.113	ng	98
13) 1,4-Dichlorobenzene	7.857	146	1857551	76.422	ng	100
14) 1,2-Dichlorobenzene	8.175	146	1812219	76.032	ng	99
15) Benzyl Alcohol	8.075	79	1531026	94.945	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.357	45	2800030	132.708	ng	97
17) 2-Methylphenol	8.281	107	1437741	89.395	ng	95
18) Hexachloroethane	8.892	117	683198	86.171	ng	93
19) n-Nitroso-di-n-propyla...	8.645	70	1347856	96.583	ng	98
20) 3+4-Methylphenols	8.616	107	2015140	89.516	ng	97
22) Acetophenone	8.651	105	2632543	86.042	ng	99
24) Nitrobenzene	9.034	77	1875335	95.517	ng	97
25) Isophorone	9.563	82	3399807	90.691	ng	99
26) 2-Nitrophenol	9.739	139	1014722	78.982	ng	95
27) 2,4-Dimethylphenol	9.810	122	1405448	82.494	ng	99
28) bis(2-Chloroethoxy)met...	10.039	93	2270932	87.656	ng	99
29) 2,4-Dichlorophenol	10.281	162	1595718	68.689	ng	98
30) 1,2,4-Trichlorobenzene	10.486	180	1676784	62.746	ng	99
31) Naphthalene	10.669	128	5375792	80.616	ng	100
32) Benzoic acid	10.057	122	1365288	89.587	ng	95
33) 4-Chloroaniline	10.786	127	2298469	82.307	ng	98
34) Hexachlorobutadiene	10.957	225	951859	53.867	ng	98
35) Caprolactam	11.628	113	585775m	85.674	ng	
36) 4-Chloro-3-methylphenol	11.933	107	1831543	85.521	ng	97
37) 2-Methylnaphthalene	12.286	142	3735586	74.240	ng	98
38) 1-Methylnaphthalene	12.504	142	3654588	74.113	ng	99
40) 1,2,4,5-Tetrachloroben...	12.657	216	1789596	64.964	ng	99
41) Hexachlorocyclopentadiene	12.633	237	735738	62.220	ng	98
43) 2,4,6-Trichlorophenol	12.910	196	1302167	70.034	ng	100
44) 2,4,5-Trichlorophenol	12.986	196	1385972	69.430	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.304	154	4858207	81.108	ng		97
47) 2-Chloronaphthalene	13.345	162	3698220	79.141	ng		98
48) 2-Nitroaniline	13.557	65	1258288	121.168	ng		98
49) Acenaphthylene	14.186	152	5844907	82.134	ng		99
50) Dimethylphthalate	13.939	163	4729508	76.565	ng		99
51) 2,6-Dinitrotoluene	14.057	165	1034849	78.480	ng		93
52) Acenaphthene	14.533	154	3491947	81.036	ng		99
53) 3-Nitroaniline	14.386	138	1174175	93.804	ng		100
54) 2,4-Dinitrophenol	14.604	184	665931	76.998	ng		92
55) Dibenzofuran	14.868	168	5555552	75.064	ng		98
56) 4-Nitrophenol	14.716	139	899157	95.715	ng		90
57) 2,4-Dinitrotoluene	14.851	165	1416887	78.498	ng		95
58) Fluorene	15.516	166	4350247	75.232	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	1142935	62.198	ng		98
60) Diethylphthalate	15.298	149	4856848	79.509	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	2068088	62.356	ng		97
62) 4-Nitroaniline	15.557	138	1212668	92.853	ng		91
63) Azobenzene	15.804	77	4621551	106.555	ng		99
65) 4,6-Dinitro-2-methylph...	15.616	198	907864	81.914	ng		92
66) n-Nitrosodiphenylamine	15.727	169	3929019	84.393	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	1327622	66.388	ng		98
68) Hexachlorobenzene	16.527	284	1430079	63.932	ng		95
69) Atrazine	16.686	200	1103020	64.382	ng		97
70) Pentachlorophenol	16.874	266	846392	69.227	ng		100
71) Phenanthrene	17.257	178	6641110	79.529	ng		99
72) Anthracene	17.345	178	6632313	79.722	ng		99
73) Carbazole	17.621	167	6578544	83.968	ng		99
74) Di-n-butylphthalate	18.186	149	8022083	82.456	ng		99
75) Fluoranthene	19.274	202	7026866	69.709	ng		96
78) Pyrene	19.639	202	7156055	93.192	ng		99
80) Butylbenzylphthalate	20.539	149	3418830	104.818	ng		98
81) Benzo(a)anthracene	21.386	228	6035922	77.638	ng		99
82) 3,3'-Dichlorobenzidine	21.321	252	1308641	64.009	ng		99
83) Chrysene	21.439	228	5761765	77.617	ng		99
84) Bis(2-ethylhexyl)phtha...	21.315	149	4731617	96.311	ng		99
85) Di-n-octyl phthalate	22.221	149	7502029	87.364	ng		98
87) Indeno(1,2,3-cd)pyrene	26.180	276	6180172	80.733	ng	#	94
88) Benzo(b)fluoranthene	23.033	252	5318194	80.014	ng	#	96
89) Benzo(k)fluoranthene	23.086	252	5382395	79.136	ng	#	97
90) Benzo(a)pyrene	23.644	252	4558614	80.555	ng	#	97
91) Dibenzo(a,h)anthracene	26.191	278	5097381	79.779	ng		97
92) Benzo(g,h,i)perylene	26.921	276	5207610	84.500	ng	#	94

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

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