Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032522\
Data File : BP009554.D
Acq On : 25 Mar 2022 16:10
Operator : CG/JU
Sample : N2091-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MHBMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

Quant Time: Mar 26 03:00:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 06:34:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	249776	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	953962	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	573864	20.000	ng		-0.01
64) Phenanthrene-d10	17.175	188	1173025	20.000	ng		-0.01
76) Chrysene-d12	21.292	240	1251215	20.000	ng		0.00
86) Perylene-d12	23.686	264	1441937	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1765324	123.396	ng		0.00
7) Phenol-d6	6.958	99	2237935	115.673	ng		0.00
23) Nitrobenzene-d5	8.922	82	1354685	75.463	ng		-0.01
42) 2,4,6-Tribromophenol	15.916	330	917052	96.840	ng		0.00
45) 2-Fluorobiphenyl	13.034	172	2989306	72.213	ng		0.00
79) Terphenyl-d14	19.757	244	4319409	61.963	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	270271	47.697	ng		98
3) Pyridine	3.693	79	759777	49.784	ng		100
4) n-Nitrosodimethylamine	3.605	42	309233	55.019	ng		96
6) Aniline	7.099	93	1024104	46.444	ng		99
8) 2-Chlorophenol	7.340	128	840700	51.534	ng		96
9) Benzaldehyde	6.911	77	417178	46.366	ng		97
10) Phenol	6.987	94	1043387	53.756	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	784988	51.102	ng		97
12) 1,3-Dichlorobenzene	7.658	146	915417	49.718	ng		99
13) 1,4-Dichlorobenzene	7.805	146	929313	49.366	ng		99
14) 1,2-Dichlorobenzene	8.116	146	889954	48.911	ng		99
15) Benzyl Alcohol	8.016	79	699422	45.343	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.305	45	886079	53.213	ng		97
17) 2-Methylphenol	8.228	107	669523	50.056	ng		99
18) Hexachloroethane	8.840	117	326585	49.502	ng		95
19) n-Nitroso-di-n-propyla...	8.581	70	581973	47.558	ng		98
20) 3+4-Methylphenols	8.552	107	904480	49.179	ng		97
22) Acetophenone	8.593	105	1167455	49.445	ng	#	98
24) Nitrobenzene	8.969	77	877727	51.758	ng		98
25) Isophorone	9.499	82	1612099	52.647	ng		98
26) 2-Nitrophenol	9.681	139	435453	49.263	ng		97
27) 2,4-Dimethylphenol	9.752	122	723500	58.005	ng		99
28) bis(2-Chloroethoxy)met...	9.981	93	993022	49.806	ng		99
29) 2,4-Dichlorophenol	10.222	162	768521	50.513	ng		99
30) 1,2,4-Trichlorobenzene	10.428	180	838567	47.573	ng		99
31) Naphthalene	10.610	128	2433212	49.517	ng		100
32) Benzoic acid	9.934	122	457739	46.939	ng		93
33) 4-Chloroaniline	10.728	127	668656	33.347	ng		98
34) Hexachlorobutadiene	10.905	225	535234	44.814	ng		98
35) Caprolactam	11.522	113	229373	44.671	ng		98
36) 4-Chloro-3-methylphenol	11.869	107	771620	47.198	ng		99
37) 2-Methylnaphthalene	12.228	142	1667981	48.379	ng		99
38) 1-Methylnaphthalene	12.446	142	1605932	47.814	ng		100
40) 1,2,4,5-Tetrachloroben...	12.604	216	945573	49.662	ng		99
41) Hexachlorocyclopentadiene	12.581	237	745566	89.049	ng		100
43) 2,4,6-Trichlorophenol	12.851	196	610760	48.395	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	674019	49.182	ng	97
46) 1,1'-Biphenyl	13.246	154	2165692	50.588	ng	99
47) 2-Chloronaphthalene	13.287	162	1698118	50.382	ng	99
48) 2-Nitroaniline	13.499	65	465951	50.758	ng	95
49) Acenaphthylene	14.134	152	2765846	53.157	ng	100
50) Dimethylphthalate	13.881	163	2067957	47.558	ng	100
51) 2,6-Dinitrotoluene	13.993	165	454287	49.863	ng	99
52) Acenaphthene	14.481	154	1551768	49.926	ng	99
53) 3-Nitroaniline	14.328	138	369064	38.352	ng	93
54) 2,4-Dinitrophenol	14.546	184	547907	95.831	ng	97
55) Dibenzofuran	14.816	168	2505609	47.985	ng	100
56) 4-Nitrophenol	14.663	139	749274	104.456	ng	98
57) 2,4-Dinitrotoluene	14.793	165	621057	49.577	ng	98
58) Fluorene	15.469	166	1995717	48.597	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	566703	45.613	ng	94
60) Diethylphthalate	15.251	149	2024734	46.524	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1052123	46.509	ng	97
62) 4-Nitroaniline	15.498	138	465942	46.105	ng	98
63) Azobenzene	15.757	77	1869406	49.379	ng	98
65) 4,6-Dinitro-2-methylph...	15.563	198	352540	46.738	ng	95
66) n-Nitrosodiphenylamine	15.681	169	1740776	50.147	ng	98
67) 4-Bromophenyl-phenylether	16.363	248	667128	46.477	ng	96
68) Hexachlorobenzene	16.487	284	762831	46.177	ng	97
69) Atrazine	16.645	200	645830	52.916	ng	98
70) Pentachlorophenol	16.840	266	893350	101.163	ng	98
71) Phenanthrene	17.222	178	3150869	50.179	ng	100
72) Anthracene	17.310	178	3184732	51.370	ng	99
73) Carbazole	17.587	167	2945434	48.580	ng	100
74) Di-n-butylphthalate	18.151	149	3462066	48.728	ng	99
75) Fluoranthene	19.204	202	3825448	50.322	ng	98
77) Benzidine	19.386	184	1833768	59.792	ng	100
78) Pyrene	19.557	202	3916698	47.504	ng	99
80) Butylbenzylphthalate	20.439	149	1618781	46.192	ng	98
81) Benzo(a)anthracene	21.280	228	4073862	49.558	ng	100
82) 3,3'-Dichlorobenzidine	21.210	252	1440425	45.359	ng	99
83) Chrysene	21.333	228	3790007	48.690	ng	100
84) Bis(2-ethylhexyl)phtha...	21.216	149	2348329	48.075	ng	99
85) Di-n-octyl phthalate	22.133	149	4219542	50.116	ng	98
87) Indeno(1,2,3-cd)pyrene	26.180	276	5417281	49.520	ng	97
88) Benzo(b)fluoranthene	22.963	252	4432168	51.489	ng	99
89) Benzo(k)fluoranthene	23.010	252	4412727m	52.357	ng	
90) Benzo(a)pyrene	23.580	252	4448226	60.398	ng	98
91) Dibenzo(a,h)anthracene	26.198	278	4757943	52.185	ng	97
92) Benzo(g,h,i)perylene	26.945	276	4755371	53.018	ng	96

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

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