Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010622\
Data File : BP008718.D
Acq On : 06 Jan 2022 20:21
Operator : CG/JU
Sample : N1047-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FM-E8-01-4.5MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/07/2022
Supervised By :Jagrut Upadhyay 01/07/2022

Quant Time: Jan 07 08:08:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 07:45:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	411818	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1546118	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	955904	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	1917776	20.000	ng		0.00
76) Chrysene-d12	21.351	240	1904711	20.000	ng		0.00
86) Perylene-d12	23.780	264	2262456	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	3025350	115.041	ng		0.00
7) Phenol-d6	7.052	99	3647858	103.329	ng		0.00
23) Nitrobenzene-d5	9.034	82	2184201	80.005	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	1665817	103.293	ng		0.00
45) 2-Fluorobiphenyl	13.140	172	5501587	80.914	ng		0.00
79) Terphenyl-d14	19.822	244	7260810	77.683	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	398750	40.203	ng		98
3) Pyridine	3.758	79	1044618	44.774	ng		96
4) n-Nitrosodimethylamine	3.669	42	434735	41.817	ng		89
6) Aniline	7.199	93	976419	22.016	ng		99
8) 2-Chlorophenol	7.440	128	1223671	41.172	ng		99
9) Benzaldehyde	7.010	77	672016	28.126	ng		99
10) Phenol	7.075	94	1456437	40.316	ng		97
11) bis(2-Chloroethyl)ether	7.299	93	1079489	38.551	ng		98
12) 1,3-Dichlorobenzene	7.763	146	1366967	40.711	ng		99
13) 1,4-Dichlorobenzene	7.910	146	1388607	40.469	ng		100
14) 1,2-Dichlorobenzene	8.228	146	1329071	39.944	ng		99
15) Benzyl Alcohol	8.116	79	954165	36.382	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.404	45	1181736	37.027	ng		99
17) 2-Methylphenol	8.322	107	949382	38.120	ng		96
18) Hexachloroethane	8.957	117	466850	40.449	ng		99
19) n-Nitroso-di-n-propyla...	8.687	70	771228	33.647	ng		97
20) 3+4-Methylphenols	8.652	107	1271651	36.799	ng		99
22) Acetophenone	8.699	105	1676985	41.107	ng	#	98
24) Nitrobenzene	9.075	77	1160108	41.977	ng		98
25) Isophorone	9.610	82	2040424	38.002	ng		99
26) 2-Nitrophenol	9.787	139	620983	43.086	ng		95
27) 2,4-Dimethylphenol	9.857	122	1071264	41.495	ng		99
28) bis(2-Chloroethoxy)met...	10.087	93	1337779	39.960	ng		99
29) 2,4-Dichlorophenol	10.328	162	1168157	42.210	ng		99
30) 1,2,4-Trichlorobenzene	10.540	180	1296154	42.990	ng		100
31) Naphthalene	10.728	128	3489325	41.740	ng		99
32) Benzoic acid	10.016	122	739079	42.820	ng		98
33) 4-Chloroaniline	10.834	127	393184	10.480	ng		99
34) Hexachlorobutadiene	11.022	225	795108	43.619	ng		99
35) Caprolactam	11.628	113	333140	33.874	ng		95
36) 4-Chloro-3-methylphenol	11.969	107	1065501	38.012	ng		98
37) 2-Methylnaphthalene	12.340	142	2561505	38.946	ng		98
38) 1-Methylnaphthalene	12.557	142	2357380	38.591	ng		100
40) 1,2,4,5-Tetrachloroben...	12.710	216	1479807	46.571	ng		99
41) Hexachlorocyclopentadiene	12.692	237	1748350	92.551	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	941865	44.520	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	1006691	43.289	ng	98
46) 1,1'-Biphenyl	13.345	154	3290560	44.160	ng	100
47) 2-Chloronaphthalene	13.387	162	2517935	44.026	ng	99
48) 2-Nitroaniline	13.587	65	592604	42.449	ng	97
49) Acenaphthylene	14.234	152	3860190	42.485	ng	100
50) Dimethylphthalate	13.969	163	3021417	39.774	ng	99
51) 2,6-Dinitrotoluene	14.087	165	668260	40.678	ng	95
52) Acenaphthene	14.575	154	2334881	42.905	ng	100
53) 3-Nitroaniline	14.410	138	289401	17.261	ng	98
54) 2,4-Dinitrophenol	14.622	184	685988	81.881	ng	95
55) Dibenzofuran	14.910	168	3730192	41.563	ng	99
56) 4-Nitrophenol	14.734	139	1166120	83.525	ng	97
57) 2,4-Dinitrotoluene	14.875	165	906062	40.407	ng	93
58) Fluorene	15.563	166	3003932	41.580	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.139	232	860670m	41.184	ng	
60) Diethylphthalate	15.339	149	2907357	39.470	ng	99
61) 4-Chlorophenyl-phenyle...	15.557	204	1609694	41.529	ng	100
62) 4-Nitroaniline	15.575	138	628084	36.079	ng	95
63) Azobenzene	15.851	77	2435554	42.182	ng	96
65) 4,6-Dinitro-2-methylph...	15.639	198	459600	43.194	ng	94
66) n-Nitrosodiphenylamine	15.769	169	2608728	44.886	ng	100
67) 4-Bromophenyl-phenylether	16.451	248	1007028	44.381	ng	99
68) Hexachlorobenzene	16.575	284	1143559	43.316	ng	99
69) Atrazine	16.728	200	962392	40.795	ng	98
70) Pentachlorophenol	16.916	266	1495649	90.750	ng	100
71) Phenanthrene	17.304	178	4645680	43.600	ng	99
72) Anthracene	17.398	178	4757247	43.718	ng	99
73) Carbazole	17.669	167	4280000	42.916	ng	99
74) Di-n-butylphthalate	18.227	149	4941383	43.276	ng	99
75) Fluoranthene	19.275	202	5347742	41.913	ng	97
77) Benzidine	19.451	184	3119706	38.279	ng	98
78) Pyrene	19.622	202	5370861	43.125	ng	98
80) Butylbenzylphthalate	20.504	149	2112329	41.481	ng	95
81) Benzo(a)anthracene	21.339	228	5334169	42.688	ng	98
82) 3,3'-Dichlorobenzidine	21.269	252	1528778	26.930	ng	99
83) Chrysene	21.392	228	5194673	43.095	ng	98
84) Bis(2-ethylhexyl)phtha...	21.269	149	3109177	41.819	ng	99
85) Di-n-octyl phthalate	22.198	149	5508546	41.744	ng	99
87) Indeno(1,2,3-cd)pyrene	26.327	276	8087768	44.737	ng	99
88) Benzo(b)fluoranthene	23.039	252	6125551	41.437	ng	100
89) Benzo(k)fluoranthene	23.092	252	6036214	43.630	ng	98
90) Benzo(a)pyrene	23.674	252	6120234	42.835	ng	99
91) Dibenzo(a,h)anthracene	26.333	278	6812097	44.595	ng	99
92) Benzo(g,h,i)perylene	27.098	276	6762688	44.600	ng	100

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

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