Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011822\
Data File : BM033768.D
Acq On : 18 Jan 2022 17:40
Operator : CG/JU
Sample : PB142096BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB142096BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2022
Supervised By :Jagrut Upadhyay 01/19/2022

Quant Time: Jan 19 04:20:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 17 16:30:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.954	152	183121	20.000	ng		0.00
21) Naphthalene-d8	10.772	136	776331	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	506057	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	998162	20.000	ng		0.00
76) Chrysene-d12	21.488	240	768905	20.000	ng		0.00
86) Perylene-d12	23.894	264	611294	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.501	112	1413321	129.686	ng		0.00
7) Phenol-d6	7.119	99	1889257	123.052	ng		0.00
23) Nitrobenzene-d5	9.119	82	1161831	73.649	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	711044	103.637	ng		0.00
45) 2-Fluorobiphenyl	13.224	172	2657528	73.879	ng		0.00
79) Terphenyl-d14	19.936	244	3551644	76.599	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	198477	46.610	ng	#	93
3) Pyridine	3.748	79	499060	40.581	ng		93
4) n-Nitrosodimethylamine	3.654	42	289135	50.125	ng	#	69
6) Aniline	7.272	93	839791	47.120	ng		96
8) 2-Chlorophenol	7.519	128	677179	53.636	ng		89
9) Benzaldehyde	7.078	77	533338	72.662	ng		91
10) Phenol	7.142	94	843166	54.759	ng		92
11) bis(2-Chloroethyl)ether	7.372	93	601110	48.539	ng		94
12) 1,3-Dichlorobenzene	7.842	146	675080	48.339	ng		95
13) 1,4-Dichlorobenzene	7.989	146	695870	48.432	ng		96
14) 1,2-Dichlorobenzene	8.313	146	666800	47.590	ng		98
15) Benzyl Alcohol	8.195	79	631622	48.651	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.489	45	864507	50.439	ng		98
17) 2-Methylphenol	8.401	107	577193	51.601	ng		95
18) Hexachloroethane	9.048	117	262316	49.374	ng		96
19) n-Nitroso-di-n-propyla...	8.772	70	505081	45.918	ng	#	91
20) 3+4-Methylphenols	8.731	107	786206	50.305	ng		95
22) Acetophenone	8.783	105	981027	47.862	ng	#	93
24) Nitrobenzene	9.160	77	756770	50.983	ng		93
25) Isophorone	9.695	82	1360369	48.965	ng		98
26) 2-Nitrophenol	9.877	139	353414	49.289	ng	#	84
27) 2,4-Dimethylphenol	9.942	122	654142	59.747	ng		95
28) bis(2-Chloroethoxy)met...	10.177	93	855576	48.333	ng		97
29) 2,4-Dichlorophenol	10.413	162	650910	51.997	ng		99
30) 1,2,4-Trichlorobenzene	10.630	180	643109	47.480	ng		97
31) Naphthalene	10.819	128	2034442	48.546	ng		100
32) Benzoic acid	10.095	122	428251	48.741	ng		88
33) 4-Chloroaniline	10.924	127	324539	18.610	ng		94
34) Hexachlorobutadiene	11.113	225	407853	45.950	ng		95
35) Caprolactam	11.719	113	194488m	43.628	ng		
36) 4-Chloro-3-methylphenol	12.054	107	756964	49.095	ng		98
37) 2-Methylnaphthalene	12.424	142	1446358	48.177	ng		99
38) 1-Methylnaphthalene	12.648	142	1369714	46.739	ng		100
40) 1,2,4,5-Tetrachloroben...	12.795	216	720113	49.176	ng		99
41) Hexachlorocyclopentadiene	12.783	237	1089130	120.842	ng		98
43) 2,4,6-Trichlorophenol	13.030	196	511724	48.940	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.101	196	552692	49.085	ng		95
46) 1,1'-Biphenyl	13.430	154	1905412	49.750	ng		99
47) 2-Chloronaphthalene	13.471	162	1427056	48.830	ng		99
48) 2-Nitroaniline	13.665	65	473608	49.551	ng		90
49) Acenaphthylene	14.313	152	2382569	50.596	ng		98
50) Dimethylphthalate	14.054	163	1860085	46.652	ng		98
51) 2,6-Dinitrotoluene	14.165	165	402313	50.004	ng		89
52) Acenaphthene	14.654	154	1677259m	53.284	ng		
53) 3-Nitroaniline	14.489	138	209242	23.781	ng		89
54) 2,4-Dinitrophenol	14.695	184	442015	90.760	ng		89
55) Dibenzofuran	14.989	168	2188694	46.531	ng		97
56) 4-Nitrophenol	14.801	139	679004	94.043	ng	#	84
57) 2,4-Dinitrotoluene	14.948	165	550489	49.177	ng		85
58) Fluorene	15.636	166	1728586	46.626	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.212	232	464761	45.261	ng		99
60) Diethylphthalate	15.407	149	1926720	46.087	ng		99
61) 4-Chlorophenyl-phenyle...	15.630	204	888811	45.857	ng		98
62) 4-Nitroaniline	15.648	138	396027	42.857	ng		89
63) Azobenzene	15.918	77	1836136	47.769	ng		94
65) 4,6-Dinitro-2-methylph...	15.707	198	280050	42.836	ng		86
66) n-Nitrosodiphenylamine	15.842	169	1554324	50.035	ng		98
67) 4-Bromophenyl-phenylether	16.518	248	538288	47.464	ng		96
68) Hexachlorobenzene	16.636	284	590276	47.678	ng		99
69) Atrazine	16.789	200	568241	48.831	ng		100
70) Pentachlorophenol	16.977	266	752655	94.591	ng		98
71) Phenanthrene	17.371	178	2671957	48.085	ng		99
72) Anthracene	17.459	178	2746193	50.251	ng		99
73) Carbazole	17.724	167	2376220	44.551	ng		98
74) Di-n-butylphthalate	18.295	149	3170780	47.167	ng		100
75) Fluoranthene	19.377	202	2860526	45.974	ng		100
77) Benzidine	19.553	184	1538785	78.879	ng		99
78) Pyrene	19.736	202	2867368	50.476	ng		98
80) Butylbenzylphthalate	20.630	149	1283250	49.065	ng		93
81) Benzo(a)anthracene	21.471	228	2413627	47.427	ng		98
82) 3,3'-Dichlorobenzidine	21.400	252	525670	28.886	ng		99
83) Chrysene	21.524	228	2312563	47.573	ng		99
84) Bis(2-ethylhexyl)phtha...	21.406	149	1873477	49.572	ng		98
85) Di-n-octyl phthalate	22.330	149	2958874	48.724	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.412	276	1885037	46.382	ng		98
88) Benzo(b)fluoranthene	23.159	252	2038512	52.238	ng		98
89) Benzo(k)fluoranthene	23.212	252	2034309	52.054	ng		99
90) Benzo(a)pyrene	23.788	252	1870091	58.625	ng		98
91) Dibenzo(a,h)anthracene	26.429	278	1655745	48.229	ng		96
92) Benzo(g,h,i)perylene	27.188	276	1591052	48.703	ng		97

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

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