Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011822\
Data File : BM033769.D
Acq On : 18 Jan 2022 18:22
Operator : CG/JU
Sample : PB142096BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB142096BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2022
Supervised By :mohammad ahmed 01/21/2022

Quant Time: Jan 19 04:21:09 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	193228	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	825471	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	540705	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1068677	20.000	ng		0.00
76) Chrysene-d12	21.489	240	863767	20.000	ng		0.00
86) Perylene-d12	23.889	264	728420	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.502	112	1497426	130.216	ng		0.00
7) Phenol-d6	7.119	99	2001644	123.553	ng		0.00
23) Nitrobenzene-d5	9.119	82	1234173	73.577	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	748688	102.131	ng		0.00
45) 2-Fluorobiphenyl	13.225	172	2797221	72.780	ng		0.00
79) Terphenyl-d14	19.936	244	3765402	72.290	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	206203	45.891	ng	#	90
3) Pyridine	3.749	79	529797	40.827	ng		91
4) n-Nitrosodimethylamine	3.649	42	297389	48.859	ng	#	70
6) Aniline	7.272	93	886740	47.152	ng		96
8) 2-Chlorophenol	7.519	128	717346	53.846	ng		89
9) Benzaldehyde	7.078	77	564839	72.965	ng		91
10) Phenol	7.143	94	895580	55.120	ng		91
11) bis(2-Chloroethyl)ether	7.372	93	639955	48.973	ng		93
12) 1,3-Dichlorobenzene	7.843	146	716211	48.602	ng		95
13) 1,4-Dichlorobenzene	7.990	146	737837	48.667	ng		95
14) 1,2-Dichlorobenzene	8.307	146	702371	47.507	ng		99
15) Benzyl Alcohol	8.195	79	671975	49.052	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.490	45	916866	50.696	ng		98
17) 2-Methylphenol	8.401	107	615103	52.114	ng		94
18) Hexachloroethane	9.048	117	274484	48.962	ng		93
19) n-Nitroso-di-n-propyla...	8.772	70	533020	45.923	ng	#	91
20) 3+4-Methylphenols	8.731	107	839003	50.875	ng		94
22) Acetophenone	8.778	105	1044395	47.920	ng	#	93
24) Nitrobenzene	9.160	77	797370	50.520	ng		91
25) Isophorone	9.695	82	1441362	48.792	ng		98
26) 2-Nitrophenol	9.878	139	381018	49.975	ng	#	83
27) 2,4-Dimethylphenol	9.942	122	691353	59.387	ng		94
28) bis(2-Chloroethoxy)met...	10.172	93	904774	48.069	ng		98
29) 2,4-Dichlorophenol	10.413	162	681141	51.173	ng		99
30) 1,2,4-Trichlorobenzene	10.631	180	678394	47.103	ng		98
31) Naphthalene	10.819	128	2139291	48.009	ng		99
32) Benzoic acid	10.101	122	465198	49.794	ng	#	86
33) 4-Chloroaniline	10.919	127	324925	17.523	ng		93
34) Hexachlorobutadiene	11.113	225	431994	45.772	ng		96
35) Caprolactam	11.719	113	210928m	44.499	ng		
36) 4-Chloro-3-methylphenol	12.048	107	797849	48.667	ng		99
37) 2-Methylnaphthalene	12.425	142	1525815	47.798	ng		99
38) 1-Methylnaphthalene	12.642	142	1444036	46.341	ng		99
40) 1,2,4,5-Tetrachloroben...	12.795	216	759308	48.530	ng		99
41) Hexachlorocyclopentadiene	12.778	237	1148748	119.289	ng		99
43) 2,4,6-Trichlorophenol	13.030	196	543269	48.628	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.101	196	583086	48.466	ng		97
46) 1,1'-Biphenyl	13.430	154	2004247	48.977	ng		98
47) 2-Chloronaphthalene	13.472	162	1519758	48.670	ng		98
48) 2-Nitroaniline	13.666	65	507345	49.679	ng		88
49) Acenaphthylene	14.313	152	2525052	50.186	ng		98
50) Dimethylphthalate	14.054	163	1952022	45.820	ng		99
51) 2,6-Dinitrotoluene	14.166	165	426289	49.589	ng		87
52) Acenaphthene	14.654	154	1776419m	52.817	ng		
53) 3-Nitroaniline	14.489	138	224375	23.867	ng		90
54) 2,4-Dinitrophenol	14.695	184	469104	90.150	ng		88
55) Dibenzofuran	14.989	168	2301290	45.790	ng		97
56) 4-Nitrophenol	14.801	139	731394	94.808	ng	#	83
57) 2,4-Dinitrotoluene	14.948	165	582896	48.736	ng	#	84
58) Fluorene	15.636	166	1825116	46.075	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.213	232	489693	44.634	ng		99
60) Diethylphthalate	15.407	149	2034455	45.546	ng		99
61) 4-Chlorophenyl-phenyle...	15.624	204	933064	45.055	ng		95
62) 4-Nitroaniline	15.648	138	426650	43.212	ng		89
63) Azobenzene	15.919	77	1941481	47.273	ng		94
65) 4,6-Dinitro-2-methylph...	15.707	198	300122	42.877	ng		86
66) n-Nitrosodiphenylamine	15.836	169	1621933	48.766	ng		98
67) 4-Bromophenyl-phenylether	16.518	248	567845	46.767	ng		98
68) Hexachlorobenzene	16.636	284	619774	46.758	ng		98
69) Atrazine	16.789	200	593255	47.617	ng		99
70) Pentachlorophenol	16.977	266	799042	93.795	ng		99
71) Phenanthrene	17.365	178	2812620	47.277	ng		99
72) Anthracene	17.460	178	2868096	49.018	ng		99
73) Carbazole	17.724	167	2531532	44.331	ng		99
74) Di-n-butylphthalate	18.295	149	3346876	46.501	ng		99
75) Fluoranthene	19.377	202	3038875	45.618	ng		100
77) Benzidine	19.554	184	1656641	75.595	ng		99
78) Pyrene	19.736	202	3071290	48.128	ng		99
80) Butylbenzylphthalate	20.624	149	1387678	47.230	ng		95
81) Benzo(a)anthracene	21.471	228	2708961	47.384	ng		99
82) 3,3'-Dichlorobenzidine	21.400	252	584020	28.567	ng		100
83) Chrysene	21.524	228	2555900	46.805	ng		99
84) Bis(2-ethylhexyl)phtha...	21.400	149	2034194	47.914	ng		99
85) Di-n-octyl phthalate	22.324	149	3364785	49.323	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.406	276	2177872	44.971	ng		97
88) Benzo(b)fluoranthene	23.159	252	2411421	51.858	ng		98
89) Benzo(k)fluoranthene	23.206	252	2349045	50.442	ng		100
90) Benzo(a)pyrene	23.789	252	2191614	57.657	ng		99
91) Dibenzo(a,h)anthracene	26.424	278	1919488	46.921	ng		96
92) Benzo(g,h,i)perylene	27.182	276	1815923	46.648	ng	#	96

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

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