Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111422\
Data File : BM037504.D
Acq On : 14 Nov 2022 16:12
Operator : CG/JU
Sample : PB148855BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 15 00:03:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 01:42:00 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB148855BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.792	152	225934	20.000	ng		0.00
21) Naphthalene-d8	10.592	136	994103	20.000	ng		-0.01
39) Acenaphthene-d10	14.439	164	623567	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	1245901	20.000	ng		0.00
76) Chrysene-d12	21.380	240	1371016	20.000	ng		0.00
86) Perylene-d12	23.709	264	1341346	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	1072563	89.649	ng		0.00
7) Phenol-d6	6.975	99	1437316	83.499	ng		0.00
23) Nitrobenzene-d5	8.969	82	891752	46.616	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	1218814	141.358	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	2750932	61.312	ng		0.00
79) Terphenyl-d14	19.821	244	6540020	95.268	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	113678	22.991	ng		99
3) Pyridine	3.651	79	298483	19.588	ng		99
4) n-Nitrosodimethylamine	3.569	42	163388	23.469	ng	#	96
6) Aniline	7.128	93	483313	22.191	ng		100
8) 2-Chlorophenol	7.357	128	415806	25.771	ng		99
9) Benzaldehyde	6.945	77	95067	10.051	ng		100
10) Phenol	7.004	94	525585	26.807	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	381760	24.050	ng		99
12) 1,3-Dichlorobenzene	7.681	146	413907	23.929	ng		97
13) 1,4-Dichlorobenzene	7.828	146	429009	23.998	ng		99
14) 1,2-Dichlorobenzene	8.145	146	417899	23.755	ng		99
15) Benzyl Alcohol	8.051	79	365473	27.492	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.333	45	546113	23.634	ng		99
17) 2-Methylphenol	8.251	107	351593	25.266	ng		98
18) Hexachloroethane	8.863	117	165939	24.778	ng		95
19) n-Nitroso-di-n-propyla...	8.610	70	327333	24.082	ng		97
20) 3+4-Methylphenols	8.581	107	509660	26.093	ng		99
22) Acetophenone	8.628	105	629025	24.467	ng	#	99
24) Nitrobenzene	9.010	77	468013	23.718	ng		100
25) Isophorone	9.533	82	1006802	28.528	ng		99
26) 2-Nitrophenol	9.716	139	222195	24.141	ng		96
27) 2,4-Dimethylphenol	9.780	122	459957	34.788	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	557857	27.408	ng		100
29) 2,4-Dichlorophenol	10.251	162	466632	29.357	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	402120	23.285	ng		98
31) Naphthalene	10.645	128	1298460	23.055	ng		100
32) Benzoic acid	9.951	122	427561	34.395	ng		97
33) 4-Chloroaniline	10.774	127	460219	20.230	ng		99
34) Hexachlorobutadiene	10.916	225	232007	23.062	ng		96
35) Caprolactam	11.586	113	219716m	39.437	ng		
36) 4-Chloro-3-methylphenol	11.904	107	657884	38.119	ng		99
37) 2-Methylnaphthalene	12.263	142	1035109	26.116	ng		99
38) 1-Methylnaphthalene	12.480	142	1008912	25.608	ng		99
40) 1,2,4,5-Tetrachloroben...	12.627	216	539342	29.768	ng		99
41) Hexachlorocyclopentadiene	12.598	237	551552	61.866	ng		99
43) 2,4,6-Trichlorophenol	12.880	196	495775	37.738	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.951	196	586853	40.345	ng	99
46)	1,1'-Biphenyl	13.274	154	1605331	33.245	ng	99
47)	2-Chloronaphthalene	13.316	162	1236876	31.851	ng	99
48)	2-Nitroaniline	13.539	65	476750	39.862	ng	98
49)	Acenaphthylene	14.163	152	2260929	36.350	ng	100
50)	Dimethylphthalate	13.915	163	1960621	39.284	ng	100
51)	2,6-Dinitrotoluene	14.039	165	436563	40.709	ng	99
52)	Acenaphthene	14.504	154	1362517	35.887	ng	99
53)	3-Nitroaniline	14.368	138	345519	28.453	ng	99
54)	2,4-Dinitrophenol	14.580	184	597232	80.690	ng	98
55)	Dibenzofuran	14.839	168	2253972	37.126	ng	100
56)	4-Nitrophenol	14.692	139	841273	79.997	ng	99
57)	2,4-Dinitrotoluene	14.827	165	632345	42.593	ng	98
58)	Fluorene	15.492	166	1987759	38.609	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.068	232	533133	40.178	ng	99
60)	Diethylphthalate	15.274	149	2032601	39.940	ng	99
61)	4-Chlorophenyl-phenyle...	15.486	204	947201	39.372	ng	98
62)	4-Nitroaniline	15.539	138	434973	36.478	ng	100
63)	Azobenzene	15.780	77	1882920	39.537	ng	99
65)	4,6-Dinitro-2-methylph...	15.586	198	350874	41.769	ng	97
66)	n-Nitrosodiphenylamine	15.709	169	1718520	42.996	ng	99
67)	4-Bromophenyl-phenylether	16.380	248	587891	42.158	ng	98
68)	Hexachlorobenzene	16.486	284	742512	42.676	ng	99
69)	Atrazine	16.662	200	528781	47.539	ng	99
70)	Pentachlorophenol	16.839	266	1000024	97.627	ng	99
71)	Phenanthrene	17.233	178	3152211	41.215	ng	100
72)	Anthracene	17.321	178	3189732	43.492	ng	100
73)	Carbazole	17.603	167	2992834	43.645	ng	100
74)	Di-n-butylphthalate	18.162	149	3577273	39.197	ng	100
75)	Fluoranthene	19.250	202	3714123	40.741	ng	99
77)	Benzidine	19.450	184	1663307	72.928	ng	100
78)	Pyrene	19.615	202	3983916	44.309	ng	99
80)	Butylbenzylphthalate	20.515	149	1677861	43.407	ng	98
81)	Benzo(a)anthracene	21.362	228	4055938	42.203	ng	100
82)	3,3'-Dichlorobenzidine	21.303	252	1270581	40.690	ng	99
83)	Chrysene	21.415	228	3843932	41.429	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.291	149	2554283	44.853	ng	98
85)	Di-n-octyl phthalate	22.191	149	4262108	43.611	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.132	276	4468407	40.335	ng	100
88)	Benzo(b)fluoranthene	23.003	252	4224251	46.967	ng	99
89)	Benzo(k)fluoranthene	23.050	252	4198716	46.028	ng	99
90)	Benzo(a)pyrene	23.615	252	3598559	48.015	ng	100
91)	Dibenzo(a,h)anthracene	26.144	278	3855796	42.018	ng	99
92)	Benzo(g,h,i)perylene	26.868	276	3582449	40.347	ng	100

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

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