Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037472.D
Acq On : 11 Nov 2022 18:15
Operator : CG/JU
Sample : PB148855BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 22:57:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 11 22:49:50 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB148855BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	239267	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	927047	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	497408	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	880979	20.000	ng		0.00
76) Chrysene-d12	21.380	240	789628	20.000	ng		0.00
86) Perylene-d12	23.721	264	737651	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	1906514	137.661	ng		0.00
7) Phenol-d6	6.993	99	2380424	126.642	ng		0.00
23) Nitrobenzene-d5	8.975	82	1515148	82.459	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	929849	158.629	ng		0.00
45) 2-Fluorobiphenyl	13.074	172	3286413	87.788	ng		0.00
79) Terphenyl-d14	19.821	244	4343978	98.653	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	190472	33.586	ng		96
3) Pyridine	3.663	79	493438	29.205	ng		99
4) n-Nitrosodimethylamine	3.575	42	297906	40.341	ng		94
6) Aniline	7.140	93	854208	37.174	ng		99
8) 2-Chlorophenol	7.369	128	746354	44.278	ng		98
9) Benzaldehyde	6.951	77	287000	30.165	ng		99
10) Phenol	7.016	94	853746	40.536	ng		98
11) bis(2-Chloroethyl)ether	7.240	93	695520	41.188	ng		99
12) 1,3-Dichlorobenzene	7.692	146	816435	44.325	ng		99
13) 1,4-Dichlorobenzene	7.840	146	841571	44.294	ng		99
14) 1,2-Dichlorobenzene	8.151	146	809537	44.364	ng		98
15) Benzyl Alcohol	8.057	79	580191	43.174	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.345	45	979678	40.695	ng		99
17) 2-Methylphenol	8.263	107	581653	42.259	ng		98
18) Hexachloroethane	8.875	117	318911	47.595	ng		95
19) n-Nitroso-di-n-propyla...	8.622	70	518541	40.247	ng		99
20) 3+4-Methylphenols	8.592	107	759068	40.149	ng		98
22) Acetophenone	8.639	105	1063684	44.144	ng	#	99
24) Nitrobenzene	9.022	77	774055	41.552	ng		97
25) Isophorone	9.545	82	1342943	43.731	ng		99
26) 2-Nitrophenol	9.728	139	381922	45.796	ng		99
27) 2,4-Dimethylphenol	9.792	122	604435	48.836	ng		99
28) bis(2-Chloroethoxy)met...	10.028	93	859905	45.005	ng		100
29) 2,4-Dichlorophenol	10.263	162	634705	44.674	ng		98
30) 1,2,4-Trichlorobenzene	10.469	180	707478	43.912	ng		99
31) Naphthalene	10.657	128	2171338	41.341	ng		99
32) Benzoic acid	9.951	122	415847	38.529	ng		98
33) 4-Chloroaniline	10.781	127	576296	27.546	ng		100
34) Hexachlorobutadiene	10.928	225	427478	47.516	ng		99
35) Caprolactam	11.592	113	177516	41.099	ng		97
36) 4-Chloro-3-methylphenol	11.916	107	597166	40.787	ng		97
37) 2-Methylnaphthalene	12.269	142	1439853	40.462	ng		100
38) 1-Methylnaphthalene	12.486	142	1379124	39.663	ng		100
40) 1,2,4,5-Tetrachloroben...	12.639	216	743082	49.686	ng		99
41) Hexachlorocyclopentadiene	12.610	237	916067	128.561	ng		99
43) 2,4,6-Trichlorophenol	12.886	196	470829	45.732	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.963	196	520698	45.848	ng	99
46)	1,1'-Biphenyl	13.286	154	1825044	45.467	ng	99
47)	2-Chloronaphthalene	13.327	162	1406056	44.018	ng	99
48)	2-Nitroaniline	13.545	65	389020	42.144	ng	100
49)	Acenaphthylene	14.174	152	2134324	43.043	ng	100
50)	Dimethylphthalate	13.921	163	1589709	41.842	ng	100
51)	2,6-Dinitrotoluene	14.045	165	353395	43.923	ng	95
52)	Acenaphthene	14.516	154	1278509	41.706	ng	100
53)	3-Nitroaniline	14.374	138	269402	29.972	ng	99
54)	2,4-Dinitrophenol	14.586	184	420023	79.342	ng	95
55)	Dibenzofuran	14.851	168	1999628	42.351	ng	99
56)	4-Nitrophenol	14.698	139	599664	83.628	ng	97
57)	2,4-Dinitrotoluene	14.833	165	476463	45.004	ng	98
58)	Fluorene	15.498	166	1638744	41.581	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.080	232	420114	44.133	ng	96
60)	Diethylphthalate	15.280	149	1564362	42.364	ng	100
61)	4-Chlorophenyl-phenyle...	15.492	204	798408	43.788	ng	98
62)	4-Nitroaniline	15.539	138	330483m	36.661	ng	
63)	Azobenzene	15.786	77	1489609	40.949	ng	99
65)	4,6-Dinitro-2-methylph...	15.592	198	245190	40.741	ng	99
66)	n-Nitrosodiphenylamine	15.715	169	1338308	44.943	ng	100
67)	4-Bromophenyl-phenylether	16.386	248	468945	47.434	ng	99
68)	Hexachlorobenzene	16.498	284	569832	47.628	ng	94
69)	Atrazine	16.668	200	443014	59.128	ng	99
70)	Pentachlorophenol	16.851	266	676491	97.171	ng	98
71)	Phenanthrene	17.239	178	2317978	42.410	ng	100
72)	Anthracene	17.327	178	2354580	45.505	ng	99
73)	Carbazole	17.609	167	2098053	44.203	ng	99
74)	Di-n-butylphthalate	18.162	149	2551048	48.675	ng	100
75)	Fluoranthene	19.256	202	2521480	43.642	ng	98
77)	Benzidine	19.456	184	926392	78.678	ng	100
78)	Pyrene	19.621	202	2652721	43.688	ng	99
80)	Butylbenzylphthalate	20.521	149	1078386	49.730	ng	96
81)	Benzo(a)anthracene	21.368	228	2430704	43.238	ng	99
82)	3,3'-Dichlorobenzidine	21.309	252	856640	51.883	ng	98
83)	Chrysene	21.421	228	2311633	42.681	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.292	149	1572950	54.046	ng	99
85)	Di-n-octyl phthalate	22.197	149	2500806	54.560	ng	98
87)	Indeno(1,2,3-cd)pyrene	26.144	276	2996254	49.609	ng	98
88)	Benzo(b)fluoranthene	23.009	252	2408931	47.039	ng	99
89)	Benzo(k)fluoranthene	23.056	252	2397287	45.893	ng	99
90)	Benzo(a)pyrene	23.621	252	2104330	50.432	ng	98
91)	Dibenzo(a,h)anthracene	26.156	278	2633954	52.515	ng	99
92)	Benzo(g,h,i)perylene	26.885	276	2665967	54.614	ng	98

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

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