Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103122\
Data File : BM037285.D
Acq On : 31 Oct 2022 11:39
Operator : CG/JU
Sample : PB148608BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB148608BS

Quant Time: Nov 01 05:00:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 31 01:34:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	509561	20.000	ng		0.00
21) Naphthalene-d8	10.674	136	2017831	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	1100137	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1871987	20.000	ng		0.00
76) Chrysene-d12	21.421	240	1403973	20.000	ng		0.00
86) Perylene-d12	23.780	264	1171246	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	4243317	143.867	ng		0.00
7) Phenol-d6	7.051	99	5225485	130.537	ng		0.00
23) Nitrobenzene-d5	9.045	82	3026554	75.674	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1722338	132.848	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	6727720	81.254	ng		0.00
79) Terphenyl-d14	19.862	244	7279781	92.983	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	399523	33.080	ng		97
3) Pyridine	3.734	79	1096152	30.464	ng		99
4) n-Nitrosodimethylamine	3.646	42	625467	39.770	ng		98
6) Aniline	7.204	93	1875873	38.332	ng		99
8) 2-Chlorophenol	7.434	128	1551525	43.220	ng		100
9) Benzaldehyde	7.016	77	285585	14.094	ng		98
10) Phenol	7.075	94	1880055	41.915	ng		100
11) bis(2-Chloroethyl)ether	7.304	93	1469551	40.864	ng		99
12) 1,3-Dichlorobenzene	7.757	146	1626695	41.469	ng		98
13) 1,4-Dichlorobenzene	7.904	146	1658847	40.997	ng		99
14) 1,2-Dichlorobenzene	8.222	146	1603112	41.252	ng		98
15) Benzyl Alcohol	8.122	79	1212045	42.351	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.404	45	2053533	40.054	ng		99
17) 2-Methylphenol	8.322	107	1212686	41.370	ng		100
18) Hexachloroethane	8.945	117	606288	42.487	ng		99
19) n-Nitroso-di-n-propyla...	8.686	70	1074048	39.146	ng		99
20) 3+4-Methylphenols	8.651	107	1610288	39.993	ng		97
22) Acetophenone	8.704	105	2159780	41.180	ng	#	98
24) Nitrobenzene	9.086	77	1576476	38.880	ng		98
25) Isophorone	9.610	82	2757745	41.257	ng		99
26) 2-Nitrophenol	9.792	139	782317	43.098	ng		99
27) 2,4-Dimethylphenol	9.857	122	1318832	48.955	ng		99
28) bis(2-Chloroethoxy)met...	10.092	93	1819594	43.752	ng		100
29) 2,4-Dichlorophenol	10.327	162	1310595	42.381	ng		99
30) 1,2,4-Trichlorobenzene	10.533	180	1409798	40.201	ng		98
31) Naphthalene	10.722	128	4410529	38.580	ng		99
32) Benzoic acid	10.027	122	837265	36.163	ng		99
33) 4-Chloroaniline	10.845	127	1384639	30.406	ng		99
34) Hexachlorobutadiene	10.998	225	827806	42.274	ng		97
35) Caprolactam	11.651	113	348123	37.029	ng		99
36) 4-Chloro-3-methylphenol	11.969	107	1265183	39.701	ng		98
37) 2-Methylnaphthalene	12.333	142	3005840	38.807	ng		100
38) 1-Methylnaphthalene	12.551	142	2849297	37.648	ng		100
40) 1,2,4,5-Tetrachloroben...	12.698	216	1505384	45.510	ng		99
41) Hexachlorocyclopentadiene	12.674	237	1943485	123.318	ng		100
43) 2,4,6-Trichlorophenol	12.945	196	970731	42.630	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.015	196	1052300	41.892	ng	99
46) 1,1'-Biphenyl	13.345	154	3842629	43.283	ng	99
47) 2-Chloronaphthalene	13.386	162	2884971	40.835	ng	100
48) 2-Nitroaniline	13.598	65	776449	38.031	ng	98
49) Acenaphthylene	14.227	152	4387453	40.006	ng	100
50) Dimethylphthalate	13.974	163	3228193	38.417	ng	100
51) 2,6-Dinitrotoluene	14.098	165	708046	39.789	ng	94
52) Acenaphthene	14.568	154	2647501	39.048	ng	99
53) 3-Nitroaniline	14.427	138	578202	29.084	ng	97
54) 2,4-Dinitrophenol	14.633	184	859597	73.898	ng	92
55) Dibenzofuran	14.904	168	4088329	39.149	ng	99
56) 4-Nitrophenol	14.739	139	1181108	74.473	ng	98
57) 2,4-Dinitrotoluene	14.880	165	922599	39.401	ng	99
58) Fluorene	15.551	166	3383234	38.813	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.133	232	819378	38.918	ng	98
60) Diethylphthalate	15.333	149	3101242	37.972	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1654837	41.035	ng	99
62) 4-Nitroaniline	15.592	138	688166	34.515	ng	99
63) Azobenzene	15.839	77	3039816	37.782	ng	99
65) 4,6-Dinitro-2-methylph...	15.639	198	472877	37.441	ng	100
66) n-Nitrosodiphenylamine	15.768	169	2723079	43.036	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	948843	45.167	ng	99
68) Hexachlorobenzene	16.551	284	1108872	43.617	ng	96
69) Atrazine	16.715	200	776048	48.744	ng	100
70) Pentachlorophenol	16.898	266	1305003	88.217	ng	99
71) Phenanthrene	17.292	178	4549207	39.170	ng	100
72) Anthracene	17.380	178	4557653	41.452	ng	100
73) Carbazole	17.656	167	3972075	39.384	ng	99
74) Di-n-butylphthalate	18.215	149	4568653	41.024	ng	100
75) Fluoranthene	19.297	202	4537003	36.956	ng	100
77) Benzidine	19.492	184	1914558	91.452	ng	99
78) Pyrene	19.662	202	4615907	42.755	ng	100
80) Butylbenzylphthalate	20.562	149	1700254	44.099	ng	95
81) Benzo(a)anthracene	21.403	228	3975383	39.772	ng	100
82) 3,3'-Dichlorobenzidine	21.344	252	1443770	49.180	ng	98
83) Chrysene	21.456	228	3713947	38.567	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	2370896	45.817	ng	99
85) Di-n-octyl phthalate	22.238	149	3581097	43.941	ng	99
87) Indeno(1,2,3-cd)pyrene	26.221	276	3727785	38.872	ng	99
88) Benzo(b)fluoranthene	23.062	252	3713814	45.672	ng	99
89) Benzo(k)fluoranthene	23.109	252	3549539	42.795	ng	99
90) Benzo(a)pyrene	23.674	252	3068572	46.316	ng	99
91) Dibenzo(a,h)anthracene	26.238	278	3288266	41.290	ng	99
92) Benzo(g,h,i)perylene	26.973	276	3134513	40.441	ng	98

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

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