Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042569.D
Acq On : 03 Nov 2023 14:11
Operator : MA/JU
Sample : PB156852BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 03 22:37:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 03 15:52:20 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB156852BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	43808	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	176957	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	112377	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	245500	20.000	ng	0.00
76) Chrysene-d12	21.497	240	249012	20.000	ng	0.00
86) Perylene-d12	23.915	264	260800	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	433036	159.530	ng	0.01
7) Phenol-d6	7.081	99	569898	153.085	ng	0.00
23) Nitrobenzene-d5	9.116	82	381708	100.555	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	247224	168.503	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	787134	94.251	ng	0.00
79) Terphenyl-d14	19.933	244	1409496	95.977	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	50091	38.721	ng	# 94
3) Pyridine	3.728	79	119293	32.146	ng	96
4) n-Nitrosodimethylamine	3.657	42	100038	56.017	ng	81
6) Aniline	7.257	93	171776	36.300	ng	97
8) 2-Chlorophenol	7.469	128	146666	50.109	ng	98
9) Benzaldehyde	7.075	77	47588	22.180	ng	96
10) Phenol	7.110	94	198615	52.531	ng	93
11) bis(2-Chloroethyl)ether	7.357	93	144615	45.212	ng	99
12) 1,3-Dichlorobenzene	7.792	146	155393	49.124	ng	98
13) 1,4-Dichlorobenzene	7.951	146	158023	49.360	ng	99
14) 1,2-Dichlorobenzene	8.263	146	150410	48.662	ng	96
15) Benzyl Alcohol	8.181	79	142908m	54.223	ng	
16) 2,2'-oxybis(1-Chloropr...	8.445	45	233089	45.793	ng	99
17) 2-Methylphenol	8.363	107	127681	47.693	ng	96
18) Hexachloroethane	8.975	117	62582	49.960	ng	93
19) n-Nitroso-di-n-propyla...	8.734	70	127742	48.506	ng	95
20) 3+4-Methylphenols	8.698	107	171354	47.875	ng	97
22) Acetophenone	8.769	105	226119	50.666	ng	# 97
24) Nitrobenzene	9.157	77	189457	50.672	ng	99
25) Isophorone	9.669	82	334996	49.859	ng	98
26) 2-Nitrophenol	9.857	139	77065	48.436	ng	94
27) 2,4-Dimethylphenol	9.904	122	138019m	53.696	ng	
28) bis(2-Chloroethoxy)met...	10.151	93	192641	47.591	ng	100
29) 2,4-Dichlorophenol	10.381	162	141958	55.817	ng	98
30) 1,2,4-Trichlorobenzene	10.586	180	149044	53.474	ng	97
31) Naphthalene	10.786	128	438733	47.988	ng	99
32) Benzoic acid	10.057	122	107255	51.021	ng	91
33) 4-Chloroaniline	10.928	127	134706	37.787	ng	96
34) Hexachlorobutadiene	11.004	225	95888	56.663	ng	99
35) Caprolactam	11.757	113	44991	50.349	ng	97
36) 4-Chloro-3-methylphenol	12.033	107	152534	52.700	ng	98
37) 2-Methylnaphthalene	12.392	142	300614	46.688	ng	96
38) 1-Methylnaphthalene	12.610	142	281692	46.480	ng	100
40) 1,2,4,5-Tetrachloroben...	12.739	216	173204	51.591	ng	99
41) Hexachlorocyclopentadiene	12.686	237	195906	96.017	ng	99
43) 2,4,6-Trichlorophenol	12.998	196	115635	53.776	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.074	196	129318	50.538	ng	#	96
46) 1,1'-Biphenyl	13.404	154	406700	47.344	ng		99
47) 2-Chloronaphthalene	13.451	162	312708	49.621	ng		99
48) 2-Nitroaniline	13.692	65	120058	47.303	ng		98
49) Acenaphthylene	14.298	152	501105	48.013	ng		99
50) Dimethylphthalate	14.033	163	399240	47.533	ng		99
51) 2,6-Dinitrotoluene	14.180	165	84874	49.031	ng		92
52) Acenaphthene	14.633	154	297784	47.012	ng		98
53) 3-Nitroaniline	14.521	138	68769	36.566	ng		96
54) 2,4-Dinitrophenol	14.727	184	108862	87.791	ng		93
55) Dibenzofuran	14.968	168	500508	48.599	ng		100
56) 4-Nitrophenol	14.821	139	143832	90.445	ng		85
57) 2,4-Dinitrotoluene	14.963	165	121456	46.442	ng		95
58) Fluorene	15.615	166	404310	48.521	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.186	232	115985	53.815	ng		97
60) Diethylphthalate	15.380	149	402223	47.269	ng		99
61) 4-Chlorophenyl-phenyle...	15.604	204	212008	50.362	ng		97
62) 4-Nitroaniline	15.686	138	76736	44.705	ng		87
63) Azobenzene	15.898	77	464335	49.519	ng		95
65) 4,6-Dinitro-2-methylph...	15.715	198	72824	46.368	ng		98
66) n-Nitrosodiphenylamine	15.833	169	342424	49.467	ng		99
67) 4-Bromophenyl-phenylether	16.504	248	126639	51.588	ng		97
68) Hexachlorobenzene	16.586	284	147299	54.238	ng		98
69) Atrazine	16.780	200	80889	40.441	ng		98
70) Pentachlorophenol	16.951	266	193151	96.741	ng		98
71) Phenanthrene	17.362	178	622660	48.533	ng		100
72) Anthracene	17.451	178	631504	49.695	ng		100
73) Carbazole	17.745	167	560809	54.248	ng		100
74) Di-n-butylphthalate	18.256	149	712034	49.047	ng		99
75) Fluoranthene	19.374	202	765131	50.770	ng		99
77) Benzidine	19.592	184	295689	123.792	ng		99
78) Pyrene	19.739	202	811533	47.461	ng		99
80) Butylbenzylphthalate	20.621	149	341813	46.805	ng		99
81) Benzo(a)anthracene	21.486	228	779981	49.231	ng		99
82) 3,3'-Dichlorobenzidine	21.427	252	298385	59.259	ng		99
83) Chrysene	21.539	228	741371	46.066	ng		100
84) Bis(2-ethylhexyl)phtha...	21.362	149	499941	45.296	ng		100
85) Di-n-octyl phthalate	22.291	149	865079	45.536	ng		98
87) Indeno(1,2,3-cd)pyrene	26.450	276	940155	60.568	ng	#	94
88) Benzo(b)fluoranthene	23.168	252	782708	53.870	ng		98
89) Benzo(k)fluoranthene	23.221	252	771902	47.676	ng		98
90) Benzo(a)pyrene	23.809	252	674250	47.134	ng	#	98
91) Dibenzo(a,h)anthracene	26.462	278	774028	53.497	ng	#	96
92) Benzo(g,h,i)perylene	27.238	276	785632	57.427	ng		96

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

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