Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103123\
Data File : BM042509.D
Acq On : 31 Oct 2023 14:04
Operator : MA/JU
Sample : PB156527BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 01 01:26:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 02:55:18 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB156527BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/01/2023
Supervised By :mohammad ahmed 11/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	103579	20.000	ng		-0.01
21) Naphthalene-d8	10.739	136	412459	20.000	ng		-0.01
39) Acenaphthene-d10	14.574	164	227322	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	418982	20.000	ng		0.00
76) Chrysene-d12	21.509	240	303945	20.000	ng		0.00
86) Perylene-d12	23.927	264	286697	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1033246	160.992	ng		0.00
7) Phenol-d6	7.093	99	1323243	150.334	ng		0.00
23) Nitrobenzene-d5	9.122	82	875895	98.994	ng		-0.01
42) 2,4,6-Tribromophenol	16.068	330	460774	155.253	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	1779040	105.308	ng		0.00
79) Terphenyl-d14	19.939	244	2216940	123.676	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	107621	35.186	ng		96
3) Pyridine	3.746	79	278695	31.763	ng		98
4) n-Nitrosodimethylamine	3.663	42	205777	48.734	ng		92
6) Aniline	7.263	93	380861	34.040	ng		98
8) 2-Chlorophenol	7.475	128	349666	50.527	ng		98
9) Benzaldehyde	7.081	77	43327	8.541	ng		94
10) Phenol	7.116	94	457225	51.147	ng		96
11) bis(2-Chloroethyl)ether	7.357	93	355702	47.034	ng		99
12) 1,3-Dichlorobenzene	7.798	146	361441	48.326	ng		97
13) 1,4-Dichlorobenzene	7.951	146	372690	49.236	ng		99
14) 1,2-Dichlorobenzene	8.263	146	361420	49.455	ng		99
15) Benzyl Alcohol	8.187	79	332140	53.300	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	561038m	46.618	ng		
17) 2-Methylphenol	8.375	107	297413	46.987	ng		98
18) Hexachloroethane	8.981	117	148599	50.173	ng		95
19) n-Nitroso-di-n-propyla...	8.745	70	299787	48.146	ng		98
20) 3+4-Methylphenols	8.710	107	390564	46.152	ng		97
22) Acetophenone	8.775	105	534165	51.350	ng	#	99
24) Nitrobenzene	9.163	77	439812	50.467	ng		99
25) Isophorone	9.681	82	768825	49.093	ng		99
26) 2-Nitrophenol	9.863	139	183694	49.453	ng		98
27) 2,4-Dimethylphenol	9.910	122	275329	45.956	ng		98
28) bis(2-Chloroethoxy)met...	10.163	93	470881	49.909	ng		99
29) 2,4-Dichlorophenol	10.386	162	320717	54.102	ng		99
30) 1,2,4-Trichlorobenzene	10.586	180	346650	53.359	ng		97
31) Naphthalene	10.792	128	1052385	49.385	ng		100
32) Benzoic acid	10.081	122	225234	46.375	ng		91
33) 4-Chloroaniline	10.933	127	134129	16.142	ng		97
34) Hexachlorobutadiene	11.010	225	217463	55.133	ng		99
35) Caprolactam	11.792	113	89193	42.824	ng		97
36) 4-Chloro-3-methylphenol	12.039	107	331670	49.163	ng		99
37) 2-Methylnaphthalene	12.398	142	693414	46.204	ng		98
38) 1-Methylnaphthalene	12.616	142	675807	47.841	ng		99
40) 1,2,4,5-Tetrachloroben...	12.745	216	388986	57.278	ng		99
41) Hexachlorocyclopentadiene	12.692	237	513327	122.573	ng		100
43) 2,4,6-Trichlorophenol	13.004	196	247670	56.939	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	268389	51.851	ng	96
46) 1,1'-Biphenyl	13.410	154	919789	52.932	ng	99
47) 2-Chloronaphthalene	13.457	162	689783	54.110	ng	100
48) 2-Nitroaniline	13.698	65	228346	44.736	ng	97
49) Acenaphthylene	14.304	152	1125504	53.310	ng	99
50) Dimethylphthalate	14.045	163	828127	48.741	ng	100
51) 2,6-Dinitrotoluene	14.186	165	173404	49.521	ng	98
52) Acenaphthene	14.639	154	630803	49.231	ng	99
53) 3-Nitroaniline	14.527	138	107869	29.332	ng	99
54) 2,4-Dinitrophenol	14.727	184	229820	91.283	ng	96
55) Dibenzofuran	14.974	168	1030941	49.487	ng	99
56) 4-Nitrophenol	14.827	139	268381	83.968	ng	95
57) 2,4-Dinitrotoluene	14.968	165	231072	43.915	ng	98
58) Fluorene	15.621	166	825542	48.977	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	221893	50.896	ng	99
60) Diethylphthalate	15.392	149	811952	47.171	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	432630	50.805	ng	100
62) 4-Nitroaniline	15.692	138	134383	39.473	ng	91
63) Azobenzene	15.910	77	924555	48.743	ng	97
65) 4,6-Dinitro-2-methylph...	15.715	198	131651	48.771	ng	97
66) n-Nitrosodiphenylamine	15.839	169	675508	57.180	ng	98
67) 4-Bromophenyl-phenylether	16.510	248	245168	58.519	ng	99
68) Hexachlorobenzene	16.592	284	281045	60.637	ng	95
69) Atrazine	16.792	200	220961	64.729	ng	99
70) Pentachlorophenol	16.957	266	382144	112.150	ng	99
71) Phenanthrene	17.368	178	1153107	52.664	ng	99
72) Anthracene	17.457	178	1151128	53.078	ng	100
73) Carbazole	17.751	167	955555	54.160	ng	100
74) Di-n-butylphthalate	18.268	149	1321149	53.324	ng	99
75) Fluoranthene	19.380	202	1221815	47.504	ng	99
77) Benzidine	19.598	184	333728	114.466	ng	100
78) Pyrene	19.745	202	1273107	60.999	ng	99
80) Butylbenzylphthalate	20.627	149	515988	57.885	ng	96
81) Benzo(a)anthracene	21.492	228	1045485	54.062	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	330398	53.757	ng	99
83) Chrysene	21.544	228	973586	49.562	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	757364	56.218	ng	99
85) Di-n-octyl phthalate	22.303	149	1206102	52.013	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	979047	57.377	ng	97
88) Benzo(b)fluoranthene	23.180	252	898359	56.244	ng	100
89) Benzo(k)fluoranthene	23.227	252	897984	50.453	ng	99
90) Benzo(a)pyrene	23.815	252	771914	49.088	ng	99
91) Dibenzo(a,h)anthracene	26.474	278	820838	51.754	ng	97
92) Benzo(g,h,i)perylene	27.244	276	843219	56.069	ng	98

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

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