Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
Data File : BM039211.D
Acq On : 29 Mar 2023 19:05
Operator : CG/JU
Sample : PB151670BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 30 05:54:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 05:15:45 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB151670BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/30/2023
Supervised By :Jagrut Upadhyay 03/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	233779	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	914267	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	492622	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	934269	20.000	ng	0.00
76) Chrysene-d12	21.503	240	727189	20.000	ng	0.00
86) Perylene-d12	23.921	264	741217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	2322552	149.678	ng	0.00
7) Phenol-d6	7.098	99	2853911	142.198	ng	0.00
23) Nitrobenzene-d5	9.098	82	1749078	92.981	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	873669	139.712	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	3513879	96.646	ng	0.00
79) Terphenyl-d14	19.945	244	4339210	110.246	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.351	88	253251	39.929	ng	99
3) Pyridine	3.763	79	683423	38.463	ng	99
4) n-Nitrosodimethylamine	3.669	42	328146	47.024	ng	98
6) Aniline	7.251	93	1041316	41.921	ng	100
8) 2-Chlorophenol	7.492	128	807899	50.869	ng	99
9) Benzaldehyde	7.063	77	526224	46.040	ng	98
10) Phenol	7.128	94	1018829	50.655	ng	99
11) bis(2-Chloroethyl)ether	7.351	93	802041	49.568	ng	99
12) 1,3-Dichlorobenzene	7.816	146	863292	51.256	ng	100
13) 1,4-Dichlorobenzene	7.963	146	879924	51.667	ng	99
14) 1,2-Dichlorobenzene	8.281	146	844323	51.847	ng	99
15) Benzyl Alcohol	8.175	79	681750m	49.387	ng	
16) 2,2'-oxybis(1-Chloropr...	8.457	45	1042687	50.381	ng	99
17) 2-Methylphenol	8.381	107	657015	46.690	ng	99
18) Hexachloroethane	9.010	117	342468	51.985	ng	98
19) n-Nitroso-di-n-propyla...	8.745	70	600515	46.807	ng	99
20) 3+4-Methylphenols	8.710	107	879167	46.495	ng	100
22) Acetophenone	8.757	105	1205951	49.333	ng	99
24) Nitrobenzene	9.139	77	886008	47.353	ng	100
25) Isophorone	9.669	82	1598408	45.547	ng	100
26) 2-Nitrophenol	9.851	139	425735	49.222	ng	98
27) 2,4-Dimethylphenol	9.916	122	712121	49.553	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	1016171	47.834	ng	99
29) 2,4-Dichlorophenol	10.386	162	693393	49.453	ng	99
30) 1,2,4-Trichlorobenzene	10.604	180	746889	49.791	ng	98
31) Naphthalene	10.792	128	2339707	47.493	ng	100
32) Benzoic acid	10.069	122	505067	45.093	ng	98
33) 4-Chloroaniline	10.904	127	434914	20.151	ng	98
34) Hexachlorobutadiene	11.069	225	438492	49.713	ng	99
35) Caprolactam	11.704	113	214919	44.145	ng	98
36) 4-Chloro-3-methylphenol	12.033	107	723853	46.791	ng	100
37) 2-Methylnaphthalene	12.398	142	1537062	44.819	ng	100
38) 1-Methylnaphthalene	12.616	142	1435889	44.715	ng	99
40) 1,2,4,5-Tetrachloroben...	12.769	216	781692	52.118	ng	99
41) Hexachlorocyclopentadiene	12.745	237	1110166	135.487	ng	98
43) 2,4,6-Trichlorophenol	13.010	196	518780	50.718	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	557950	46.529	ng	98
46) 1,1'-Biphenyl	13.410	154	1972496	50.705	ng	99
47) 2-Chloronaphthalene	13.451	162	1494820	50.750	ng	99
48) 2-Nitroaniline	13.657	65	466889	47.103	ng	99
49) Acenaphthylene	14.298	152	2307500	47.665	ng	100
50) Dimethylphthalate	14.033	163	1758632	46.323	ng	99
51) 2,6-Dinitrotoluene	14.157	165	389284	47.682	ng	99
52) Acenaphthene	14.639	154	1365562	47.771	ng	100
53) 3-Nitroaniline	14.486	138	263817	27.952	ng	99
54) 2,4-Dinitrophenol	14.692	184	502822	103.998	ng	99
55) Dibenzofuran	14.974	168	2137466	46.445	ng	100
56) 4-Nitrophenol	14.798	139	726409	99.809	ng	96
57) 2,4-Dinitrotoluene	14.945	165	520572	47.135	ng	98
58) Fluorene	15.621	166	1700329	46.658	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	457608	47.970	ng	99
60) Diethylphthalate	15.392	149	1746226	45.697	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	842176	46.631	ng	100
62) 4-Nitroaniline	15.651	138	415338	42.883	ng	100
63) Azobenzene	15.909	77	1809839	47.273	ng	99
65) 4,6-Dinitro-2-methylph...	15.704	198	302799	49.265	ng	97
66) n-Nitrosodiphenylamine	15.833	169	1467313	49.840	ng	100
67) 4-Bromophenyl-phenylether	16.509	248	491845	49.295	ng	99
68) Hexachlorobenzene	16.627	284	564778	52.205	ng	99
69) Atrazine	16.786	200	484293	51.938	ng	99
70) Pentachlorophenol	16.974	266	731668	94.266	ng	99
71) Phenanthrene	17.362	178	2506915	48.993	ng	100
72) Anthracene	17.456	178	2547185	48.820	ng	100
73) Carbazole	17.727	167	2345730	48.114	ng	99
74) Di-n-butylphthalate	18.286	149	2905971	48.185	ng	100
75) Fluoranthene	19.380	202	2679354	45.936	ng	99
77) Benzidine	19.568	184	1277185	66.587	ng	100
78) Pyrene	19.739	202	2782147	53.742	ng	100
80) Butylbenzylphthalate	20.639	149	1204749	50.798	ng	100
81) Benzo(a)anthracene	21.486	228	2520199	49.140	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	679022	39.745	ng	99
83) Chrysene	21.544	228	2367195	47.813	ng	100
84) Bis(2-ethylhexyl)phtha...	21.409	149	1756567	50.149	ng	100
85) Di-n-octyl phthalate	22.344	149	3035880	48.107	ng	100
87) Indeno(1,2,3-cd)pyrene	26.438	276	2624040	48.048	ng	100
88) Benzo(b)fluoranthene	23.185	252	2460251	54.246	ng	100
89) Benzo(k)fluoranthene	23.233	252	2384379	51.613	ng	99
90) Benzo(a)pyrene	23.815	252	2089941	46.908	ng	99
91) Dibenzo(a,h)anthracene	26.450	278	2219624	48.403	ng	99
92) Benzo(g,h,i)perylene	27.215	276	2152062	47.720	ng	99

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

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