Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
Data File : BM041927.D
Acq On : 20 Sep 2023 05:53
Operator : MA/JU
Sample : 04432-01MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 20 06:32:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 04:49:34 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PILE-1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	281613	20.000	ng		0.00
21) Naphthalene-d8	10.780	136	1170222	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	711902	20.000	ng		0.00
64) Phenanthrene-d10	17.362	188	1456598	20.000	ng		0.00
76) Chrysene-d12	21.533	240	1224356	20.000	ng		-0.01
86) Perylene-d12	23.944	264	1197663	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	2027867	119.938	ng		0.00
7) Phenol-d6	7.110	99	2702993	115.140	ng		0.00
23) Nitrobenzene-d5	9.157	82	1649297	71.759	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	966704	108.834	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	3566181	73.526	ng		0.00
79) Terphenyl-d14	19.968	244	5222319	77.685	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	298175	43.237	ng		98
3) Pyridine	3.816	79	842769	39.339	ng		99
4) n-Nitrosodimethylamine	3.740	42	509217	50.006	ng		95
6) Aniline	7.298	93	1345973	43.276	ng		99
8) 2-Chlorophenol	7.516	128	1058282	56.220	ng		100
9) Benzaldehyde	7.122	77	349842	26.360	ng		98
10) Phenol	7.139	94	1394171	57.857	ng		100
11) bis(2-Chloroethyl)ether	7.392	93	1025723	51.030	ng		99
12) 1,3-Dichlorobenzene	7.839	146	1058143	52.646	ng		100
13) 1,4-Dichlorobenzene	7.998	146	1085581	53.155	ng		99
14) 1,2-Dichlorobenzene	8.310	146	1050836	53.529	ng		100
15) Benzyl Alcohol	8.216	79	991010	53.471	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.486	45	1556141	50.621	ng		98
17) 2-Methylphenol	8.392	107	914318	52.181	ng		99
18) Hexachloroethane	9.028	117	399637	52.059	ng		99
19) n-Nitroso-di-n-propyla...	8.775	70	868797	49.785	ng		99
20) 3+4-Methylphenols	8.728	107	1247249	51.859	ng		99
22) Acetophenone	8.804	105	1562571	53.414	ng	#	100
24) Nitrobenzene	9.198	77	1221160	53.529	ng		100
25) Isophorone	9.710	82	2330282	51.369	ng		100
26) 2-Nitrophenol	9.898	139	573666	55.831	ng		99
27) 2,4-Dimethylphenol	9.933	122	952208	51.529	ng		99
28) bis(2-Chloroethoxy)met...	10.192	93	1406291	53.041	ng		100
29) 2,4-Dichlorophenol	10.416	162	1044421	58.403	ng		99
30) 1,2,4-Trichlorobenzene	10.627	180	1009397	54.977	ng		99
31) Naphthalene	10.833	128	3109796	52.786	ng		100
32) Benzoic acid	10.086	122	795927	54.667	ng		100
33) 4-Chloroaniline	10.957	127	895061	33.945	ng		100
34) Hexachlorobutadiene	11.057	225	594756	53.034	ng		99
35) Caprolactam	11.798	113	336564m	52.658	ng		
36) 4-Chloro-3-methylphenol	12.057	107	1104397	55.415	ng		98
37) 2-Methylnaphthalene	12.433	142	2155529	49.762	ng		99
38) 1-Methylnaphthalene	12.657	142	2106074	51.769	ng		100
40) 1,2,4,5-Tetrachloroben...	12.786	216	1116305	54.069	ng		100
41) Hexachlorocyclopentadiene	12.733	237	1286387	110.811	ng		99
43) 2,4,6-Trichlorophenol	13.033	196	807666	57.484	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	877519	53.365	ng	98
46) 1,1'-Biphenyl	13.445	154	2865851	54.561	ng	100
47) 2-Chloronaphthalene	13.492	162	2181274	57.024	ng	100
48) 2-Nitroaniline	13.721	65	750413	54.901	ng	99
49) Acenaphthylene	14.339	152	3599866	56.708	ng	99
50) Dimethylphthalate	14.074	163	2786009	52.936	ng	99
51) 2,6-Dinitrotoluene	14.210	165	610802	54.764	ng	99
52) Acenaphthene	14.674	154	2043934	53.532	ng	99
53) 3-Nitroaniline	14.551	138	527664	42.269	ng	99
54) 2,4-Dinitrophenol	14.751	184	731991	105.084	ng	98
55) Dibenzofuran	15.010	168	3266935	53.006	ng	99
56) 4-Nitrophenol	14.839	139	1101974	111.303	ng	97
57) 2,4-Dinitrotoluene	14.992	165	809491	54.857	ng	99
58) Fluorene	15.657	166	2571816	52.929	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	731859	54.224	ng	99
60) Diethylphthalate	15.421	149	2709449	51.753	ng	99
61) 4-Chlorophenyl-phenyle...	15.645	204	1351640	53.024	ng	99
62) 4-Nitroaniline	15.721	138	612800	51.048	ng	99
63) Azobenzene	15.945	77	2822792	53.185	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	438594	52.436	ng	100
66) n-Nitrosodiphenylamine	15.874	169	2260395	54.945	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	809214	53.911	ng	100
68) Hexachlorobenzene	16.627	284	920408	57.914	ng	96
69) Atrazine	16.815	200	813168	63.387	ng	98
70) Pentachlorophenol	16.986	266	1241640	103.404	ng	99
71) Phenanthrene	17.403	178	4013638	55.251	ng	100
72) Anthracene	17.498	178	4044994	54.584	ng	100
73) Carbazole	17.780	167	3733875	54.950	ng	100
74) Di-n-butylphthalate	18.298	149	4798503	55.007	ng	100
75) Fluoranthene	19.415	202	4596814	53.899	ng	99
77) Benzidine	19.615	184	2164111	86.594	ng	100
78) Pyrene	19.780	202	4780212	56.110	ng	100
80) Butylbenzylphthalate	20.650	149	2085837	55.049	ng	99
81) Benzo(a)anthracene	21.515	228	4375481	54.794	ng	100
82) 3,3'-Dichlorobenzidine	21.456	252	1461177	51.959	ng	98
83) Chrysene	21.574	228	3981653	53.197	ng	99
84) Bis(2-ethylhexyl)phtha...	21.397	149	3095400	55.067	ng	99
85) Di-n-octyl phthalate	22.321	149	5233344	55.310	ng	100
87) Indeno(1,2,3-cd)pyrene	26.456	276	3995558	55.875	ng	100
88) Benzo(b)fluoranthene	23.203	252	3940894	56.360	ng	100
89) Benzo(k)fluoranthene	23.256	252	3826483	55.379	ng	100
90) Benzo(a)pyrene	23.838	252	3365472	51.294	ng	100
91) Dibenzo(a,h)anthracene	26.473	278	3352383	56.234	ng	99
92) Benzo(g,h,i)perylene	27.238	276	3140873	55.141	ng	99

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

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