Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037475.D
Acq On : 11 Nov 2022 20:04
Operator : CG/JU
Sample : N5502-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 11 22:59:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 11 22:49:50 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
2182MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	302296	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	1149161	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	621120	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1086368	20.000	ng		0.00
76) Chrysene-d12	21.386	240	880982	20.000	ng		0.00
86) Perylene-d12	23.721	264	785638	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	2289824	130.865	ng		0.01
7) Phenol-d6	6.993	99	2698463	113.629	ng		0.00
23) Nitrobenzene-d5	8.981	82	2009832	88.239	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	1202645	164.303	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	4444267	95.071	ng		0.00
79) Terphenyl-d14	19.827	244	5158165	104.996	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	285210	39.806	ng	#	43
3) Pyridine	3.687	79	578927	27.121	ng		99
4) n-Nitrosodimethylamine	3.587	42	381162	40.853	ng		95
6) Aniline	7.146	93	396890	13.671	ng		100
8) 2-Chlorophenol	7.375	128	1016711	47.741	ng		98
9) Benzaldehyde	6.957	77	403847	33.596	ng		99
10) Phenol	7.022	94	1034340	38.871	ng		99
11) bis(2-Chloroethyl)ether	7.240	93	990276	46.416	ng		99
12) 1,3-Dichlorobenzene	7.693	146	1020444	43.850	ng		98
13) 1,4-Dichlorobenzene	7.840	146	1055271	43.961	ng		99
14) 1,2-Dichlorobenzene	8.157	146	1027146	44.553	ng		98
15) Benzyl Alcohol	8.063	79	816068	48.065	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.345	45	1337460	43.973	ng		98
17) 2-Methylphenol	8.263	107	776734	44.666	ng		99
18) Hexachloroethane	8.875	117	384206	45.384	ng		97
19) n-Nitroso-di-n-propyla...	8.628	70	735768	45.192	ng		99
20) 3+4-Methylphenols	8.598	107	1015448	42.511	ng		100
22) Acetophenone	8.645	105	1471202	49.256	ng	#	99
24) Nitrobenzene	9.022	77	1077318	46.653	ng		98
25) Isophorone	9.551	82	1921727	50.482	ng		97
26) 2-Nitrophenol	9.728	139	537411	51.985	ng		99
27) 2,4-Dimethylphenol	9.798	122	837792	54.607	ng		98
28) bis(2-Chloroethoxy)met...	10.028	93	1229511	51.911	ng		99
29) 2,4-Dichlorophenol	10.263	162	873340	49.590	ng		98
30) 1,2,4-Trichlorobenzene	10.469	180	962888	48.213	ng		99
31) Naphthalene	10.657	128	2943199	45.206	ng		99
32) Benzoic acid	9.963	122	463611	35.354	ng		99
33) 4-Chloroaniline	10.792	127	231573	8.929	ng		99
34) Hexachlorobutadiene	10.928	225	554438	49.716	ng		99
35) Caprolactam	11.604	113	181595	33.917	ng		99
36) 4-Chloro-3-methylphenol	11.916	107	821817	45.282	ng		98
37) 2-Methylnaphthalene	12.269	142	2045900	46.380	ng		99
38) 1-Methylnaphthalene	12.492	142	1913511	44.395	ng		99
40) 1,2,4,5-Tetrachloroben...	12.639	216	1046401	56.031	ng		99
41) Hexachlorocyclopentadiene	12.604	237	1288189	144.776	ng		100
43) 2,4,6-Trichlorophenol	12.886	196	666763	51.864	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	717412	50.587	ng	99
46) 1,1'-Biphenyl	13.286	154	2574536	51.364	ng	99
47) 2-Chloronaphthalene	13.328	162	1991936	49.939	ng	99
48) 2-Nitroaniline	13.545	65	534716	46.389	ng	98
49) Acenaphthylene	14.175	152	3004113	48.517	ng	100
50) Dimethylphthalate	13.922	163	2239611	47.207	ng	100
51) 2,6-Dinitrotoluene	14.045	165	498128	49.581	ng	97
52) Acenaphthene	14.516	154	1824711	47.668	ng	99
53) 3-Nitroaniline	14.380	138	266387	23.734	ng	98
54) 2,4-Dinitrophenol	14.586	184	556145	83.742	ng	96
55) Dibenzofuran	14.851	168	2823376	47.887	ng	99
56) 4-Nitrophenol	14.698	139	694979	77.616	ng	98
57) 2,4-Dinitrotoluene	14.833	165	653441	49.427	ng	96
58) Fluorene	15.498	166	2329307	47.331	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	579749	48.773	ng	97
60) Diethylphthalate	15.280	149	2177466	47.223	ng	100
61) 4-Chlorophenyl-phenyle...	15.492	204	1144768	50.279	ng	100
62) 4-Nitroaniline	15.539	138	421839m	37.474	ng	
63) Azobenzene	15.786	77	2078471	45.756	ng	99
65) 4,6-Dinitro-2-methylph...	15.598	198	320878	42.930	ng	93
66) n-Nitrosodiphenylamine	15.716	169	1820491	49.577	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	667974	54.792	ng	99
68) Hexachlorobenzene	16.498	284	800407	54.252	ng	96
69) Atrazine	16.674	200	582229	63.017	ng	98
70) Pentachlorophenol	16.851	266	907352	105.692	ng	98
71) Phenanthrene	17.239	178	3171133	47.050	ng	100
72) Anthracene	17.327	178	3205730	50.241	ng	99
73) Carbazole	17.610	167	2735475	46.737	ng	99
74) Di-n-butylphthalate	18.168	149	3427250	53.030	ng	100
75) Fluoranthene	19.257	202	3258303	45.733	ng	98
77) Benzidine	19.462	184	196615	14.967	ng	98
78) Pyrene	19.621	202	3388981	50.026	ng	99
80) Butylbenzylphthalate	20.521	149	1348222	55.727	ng	95
81) Benzo(a)anthracene	21.368	228	2936782	46.824	ng	99
82) 3,3'-Dichlorobenzidine	21.309	252	659009	35.774	ng	98
83) Chrysene	21.421	228	2769245	45.828	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	1944080	59.871	ng	99
85) Di-n-octyl phthalate	22.198	149	3040947	59.464	ng	98
87) Indeno(1,2,3-cd)pyrene	26.138	276	3174883	49.356	ng	98
88) Benzo(b)fluoranthene	23.009	252	2746652	50.357	ng	99
89) Benzo(k)fluoranthene	23.056	252	2709507	48.701	ng	99
90) Benzo(a)pyrene	23.615	252	2328643	52.399	ng	99
91) Dibenzo(a,h)anthracene	26.156	278	2706937	50.674	ng	98
92) Benzo(g,h,i)perylene	26.885	276	2697383	51.883	ng	97

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

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