Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
Data File : BM039549.D
Acq On : 21 Apr 2023 13:06
Operator : CG/JU
Sample : 02270-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MS

Quant Time: Apr 22 01:43:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 21 12:46:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.819	152	188118	20.000	ng		0.00
21) Naphthalene-d8	10.625	136	759757	20.000	ng		0.00
39) Acenaphthene-d10	14.477	164	409927	20.000	ng		0.00
64) Phenanthrene-d10	17.230	188	719615	20.000	ng		0.00
76) Chrysene-d12	21.418	240	497800	20.000	ng		0.00
86) Perylene-d12	23.783	264	513246	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	1024538	88.982	ng		0.00
7) Phenol-d6	7.001	99	1364555	80.642	ng		0.00
23) Nitrobenzene-d5	8.989	82	865483	55.785	ng		0.00
42) 2,4,6-Tribromophenol	15.971	330	343896	64.649	ng		0.00
45) 2-Fluorobiphenyl	13.095	172	1758298	59.348	ng		0.00
79) Terphenyl-d14	19.859	244	1902616	68.951	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	250462	52.655	ng		98
3) Pyridine	3.654	79	598517	42.739	ng		97
4) n-Nitrosodimethylamine	3.572	42	307548	53.869	ng		94
6) Aniline	7.160	93	624679	29.261	ng		98
8) 2-Chlorophenol	7.384	128	677757	51.905	ng		98
9) Benzaldehyde	6.960	77	399600	45.799	ng		99
10) Phenol	7.031	94	855969	51.567	ng		98
11) bis(2-Chloroethyl)ether	7.248	93	716001	50.295	ng		98
12) 1,3-Dichlorobenzene	7.701	146	726136	53.369	ng		98
13) 1,4-Dichlorobenzene	7.854	146	725216	53.167	ng		99
14) 1,2-Dichlorobenzene	8.166	146	703504	51.932	ng		99
15) Benzyl Alcohol	8.072	79	580268	47.047	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.354	45	966277	48.115	ng		99
17) 2-Methylphenol	8.284	107	556188	45.379	ng		99
18) Hexachloroethane	8.889	117	287466	53.004	ng		95
19) n-Nitroso-di-n-propyla...	8.636	70	533219	41.646	ng		99
20) 3+4-Methylphenols	8.613	107	737756	43.791	ng		98
22) Acetophenone	8.654	105	1008995	50.117	ng	#	99
24) Nitrobenzene	9.036	77	764696	50.044	ng		100
25) Isophorone	9.560	82	1413316	43.984	ng		99
26) 2-Nitrophenol	9.742	139	352446	51.112	ng		97
27) 2,4-Dimethylphenol	9.813	122	574151	48.181	ng		98
28) bis(2-Chloroethoxy)met...	10.042	93	868834	47.568	ng		100
29) 2,4-Dichlorophenol	10.289	162	589121	51.058	ng		99
30) 1,2,4-Trichlorobenzene	10.489	180	634456	51.951	ng		100
31) Naphthalene	10.678	128	1990242	48.481	ng		100
32) Benzoic acid	9.995	122	399492	42.332	ng		96
33) 4-Chloroaniline	10.813	127	331406	19.109	ng		99
34) Hexachlorobutadiene	10.954	225	377658	52.072	ng		99
35) Caprolactam	11.607	113	160338	34.843	ng		97
36) 4-Chloro-3-methylphenol	11.942	107	607658	43.267	ng		99
37) 2-Methylnaphthalene	12.289	142	1319634	43.741	ng		99
38) 1-Methylnaphthalene	12.513	142	1233637	43.393	ng		100
40) 1,2,4,5-Tetrachloroben...	12.660	216	657619	55.001	ng		99
41) Hexachlorocyclopentadiene	12.636	237	855068	126.480	ng		97
43) 2,4,6-Trichlorophenol	12.913	196	431030	52.328	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	455275	46.768	ng	98
46) 1,1'-Biphenyl	13.307	154	1661594	52.614	ng	99
47) 2-Chloronaphthalene	13.348	162	1259983	53.669	ng	99
48) 2-Nitroaniline	13.571	65	366022	45.594	ng	99
49) Acenaphthylene	14.195	152	1929616	48.051	ng	99
50) Dimethylphthalate	13.942	163	1464587	44.137	ng	99
51) 2,6-Dinitrotoluene	14.066	165	310761	44.050	ng	93
52) Acenaphthene	14.542	154	1157812	48.695	ng	100
53) 3-Nitroaniline	14.401	138	269399	37.423	ng	99
54) 2,4-Dinitrophenol	14.613	184	351799	79.567	ng	96
55) Dibenzofuran	14.877	168	1787627	46.788	ng	100
56) 4-Nitrophenol	14.724	139	449104	76.916	ng	97
57) 2,4-Dinitrotoluene	14.860	165	399045	41.383	ng	93
58) Fluorene	15.524	166	1397806	45.108	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.107	232	364578	45.471	ng	99
60) Diethylphthalate	15.307	149	1442032	41.917	ng	100
61) 4-Chlorophenyl-phenyle...	15.518	204	704654	45.877	ng	98
62) 4-Nitroaniline	15.571	138	230791	33.735	ng	97
63) Azobenzene	15.812	77	1555524	46.401	ng	97
65) 4,6-Dinitro-2-methylph...	15.624	198	230003	51.044	ng	98
66) n-Nitrosodiphenylamine	15.742	169	1139578	52.233	ng	100
67) 4-Bromophenyl-phenylether	16.418	248	404475	53.395	ng	99
68) Hexachlorobenzene	16.530	284	450584	54.778	ng	99
69) Atrazine	16.701	200	370537	50.625	ng	99
70) Pentachlorophenol	16.883	266	521018	90.704	ng	99
71) Phenanthrene	17.271	178	1938642	49.680	ng	99
72) Anthracene	17.359	178	1958974	48.940	ng	99
73) Carbazole	17.642	167	1666677	45.780	ng	100
74) Di-n-butylphthalate	18.201	149	2297953	45.407	ng	99
75) Fluoranthene	19.289	202	1978955	41.801	ng	100
77) Benzidine	19.489	184	498505	44.194	ng	98
78) Pyrene	19.653	202	2030359	55.461	ng	99
80) Butylbenzylphthalate	20.553	149	869876	47.918	ng	100
81) Benzo(a)anthracene	21.406	228	1690698	47.825	ng	100
82) 3,3'-Dichlorobenzidine	21.342	252	527824	45.232	ng	98
83) Chrysene	21.459	228	1600672	46.715	ng	99
84) Bis(2-ethylhexyl)phtha...	21.330	149	1280366	46.269	ng	99
85) Di-n-octyl phthalate	22.241	149	2048764	43.054	ng	99
87) Indeno(1,2,3-cd)pyrene	26.229	276	2037489	54.024	ng	100
88) Benzo(b)fluoranthene	23.065	252	1620905	51.797	ng	99
89) Benzo(k)fluoranthene	23.112	252	1593305	48.701	ng	99
90) Benzo(a)pyrene	23.677	252	1413218	45.439	ng	100
91) Dibenzo(a,h)anthracene	26.241	278	1706427	54.435	ng	100
92) Benzo(g,h,i)perylene	26.982	276	1707711	54.960	ng	99

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

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