Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120821\
Data File : BM033342.D
Acq On : 08 Dec 2021 13:10
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 09 06:38:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 09 06:37:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	74547	20.000	ng	0.00
21) Naphthalene-d8	10.707	136	295261	20.000	ng	0.00
39) Acenaphthene-d10	14.536	164	186413	20.000	ng	0.00
64) Phenanthrene-d10	17.277	188	377884	20.000	ng	0.00
76) Chrysene-d12	21.441	240	335498	20.000	ng	0.00
86) Perylene-d12	23.771	264	323213	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	432110	95.722	ng	0.00
7) Phenol-d6	7.084	99	611640	101.167	ng	0.00
23) Nitrobenzene-d5	9.078	82	687051	108.024	ng	0.00
42) 2,4,6-Tribromophenol	16.024	330	205413	101.085	ng	0.00
45) 2-Fluorobiphenyl	13.160	172	1347901	101.975	ng	0.00
79) Terphenyl-d14	19.889	244	1815417	106.999	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	95617	49.682	ng	97
3) Pyridine	3.801	79	249559m	51.047	ng	
4) n-Nitrosodimethylamine	3.713	42	147232	59.297	ng	95
6) Aniline	7.242	93	342396	50.294	ng	99
8) 2-Chlorophenol	7.478	128	232414	49.448	ng	97
9) Benzaldehyde	7.054	77	176601	43.005	ng	98
10) Phenol	7.113	94	306176	50.075	ng	100
11) bis(2-Chloroethyl)ether	7.336	93	235852	50.417	ng	98
12) 1,3-Dichlorobenzene	7.795	146	267614	48.458	ng	100
13) 1,4-Dichlorobenzene	7.942	146	272601	48.251	ng	97
14) 1,2-Dichlorobenzene	8.260	146	268626	49.784	ng	99
15) Benzyl Alcohol	8.154	79	263232	55.946	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.436	45	417425	50.346	ng	98
17) 2-Methylphenol	8.354	107	209635	51.939	ng	98
18) Hexachloroethane	8.983	117	106285	51.815	ng	95
19) n-Nitroso-di-n-propyla...	8.719	70	223440	55.583	ng	99
20) 3+4-Methylphenols	8.683	107	290989	53.226	ng	98
22) Acetophenone	8.736	105	397790	52.349	ng	98
24) Nitrobenzene	9.119	77	328058	53.542	ng	98
25) Isophorone	9.642	82	530023	53.288	ng	99
26) 2-Nitrophenol	9.825	139	130863	57.260	ng	94
27) 2,4-Dimethylphenol	9.883	122	198656	50.898	ng	99
28) bis(2-Chloroethoxy)met...	10.119	93	329190	50.801	ng	97
29) 2,4-Dichlorophenol	10.360	162	227777	51.519	ng	99
30) 1,2,4-Trichlorobenzene	10.572	180	260329	49.609	ng	96
31) Naphthalene	10.760	128	765251	49.133	ng	99
32) Benzoic acid	10.042	122	156376	67.848	ng	99
33) 4-Chloroaniline	10.872	127	304245	50.792	ng	97
34) Hexachlorobutadiene	11.030	225	163620	50.439	ng	97
35) Caprolactam	11.672	113	46791	55.290	ng	87
36) 4-Chloro-3-methylphenol	11.995	107	271892	54.094	ng	99
37) 2-Methylnaphthalene	12.366	142	534421	50.400	ng	99
38) 1-Methylnaphthalene	12.583	142	520542	50.318	ng	99
40) 1,2,4,5-Tetrachloroben...	12.730	216	277784	49.649	ng	100
41) Hexachlorocyclopentadiene	12.707	237	162006	58.324	ng	99
43) 2,4,6-Trichlorophenol	12.971	196	192595	53.885	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.048	196	203600	51.996	ng	98
46) 1,1'-Biphenyl	13.371	154	710597	50.699	ng	99
47) 2-Chloronaphthalene	13.418	162	545656	50.950	ng	100
48) 2-Nitroaniline	13.624	65	206619	59.688	ng	100
49) Acenaphthylene	14.260	152	861303	51.495	ng	99
50) Dimethylphthalate	14.001	163	674708	50.926	ng	98
51) 2,6-Dinitrotoluene	14.118	165	142242	53.630	ng	97
52) Acenaphthene	14.601	154	517843	50.385	ng	99
53) 3-Nitroaniline	14.454	138	154344	54.609	ng	100
54) 2,4-Dinitrophenol	14.654	184	85407	61.283	ng	99
55) Dibenzofuran	14.936	168	857704	50.187	ng	99
56) 4-Nitrophenol	14.765	139	121456	53.617	ng	97
57) 2,4-Dinitrotoluene	14.907	165	192161	55.307	ng	96
58) Fluorene	15.583	166	674855	50.430	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.160	232	173519	50.652	ng	100
60) Diethylphthalate	15.354	149	682907	51.952	ng	99
61) 4-Chlorophenyl-phenyle...	15.577	204	343724	50.370	ng	100
62) 4-Nitroaniline	15.612	138	159445	54.401	ng	96
63) Azobenzene	15.871	77	794109	54.572	ng	97
65) 4,6-Dinitro-2-methylph...	15.665	198	118810	60.702	ng	93
66) n-Nitrosodiphenylamine	15.795	169	579751	52.294	ng	99
67) 4-Bromophenyl-phenylether	16.471	248	196432	49.727	ng	99
68) Hexachlorobenzene	16.583	284	212224	48.947	ng	98
69) Atrazine	16.742	200	115420	49.833	ng	98
70) Pentachlorophenol	16.930	266	130549	51.098	ng	99
71) Phenanthrene	17.318	178	1040021	50.070	ng	99
72) Anthracene	17.412	178	1027353	51.269	ng	100
73) Carbazole	17.683	167	998584	50.092	ng	100
74) Di-n-butylphthalate	18.236	149	1112494	53.723	ng	100
75) Fluoranthene	19.330	202	1149902	48.174	ng	100
77) Benzidine	19.518	184	211675	56.116	ng	99
78) Pyrene	19.689	202	1198567	54.271	ng	99
80) Butylbenzylphthalate	20.577	149	496232	60.071	ng	96
81) Benzo(a)anthracene	21.424	228	1095577	50.877	ng	98
82) 3,3'-Dichlorobenzidine	21.365	252	492372	50.624	ng	99
83) Chrysene	21.483	228	1044623	49.801	ng	100
84) Bis(2-ethylhexyl)phtha...	21.347	149	685722	58.946	ng	98
85) Di-n-octyl phthalate	22.247	149	1136608	57.540	ng	100
87) Indeno(1,2,3-cd)pyrene	26.153	276	1085934	48.935	ng	99
88) Benzo(b)fluoranthene	23.065	252	1000197	50.951	ng	99
89) Benzo(k)fluoranthene	23.112	252	987830	50.151	ng	99
90) Benzo(a)pyrene	23.665	252	837648	50.948	ng	98
91) Dibenzo(a,h)anthracene	26.165	278	919369	49.478	ng	97
92) Benzo(g,h,i)perylene	26.882	276	900690	48.597	ng	99

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

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