Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
Data File : BM029568.D
Acq On : 21 Apr 2021 13:18
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
4/22/2021 12:11:16 PM

Quant Time: Apr 21 14:33:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 13:05:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.651	152	87547	20.00	ng		0.00
21) Naphthalene-d8	10.428	136	341450	20.00	ng		0.00
39) Acenaphthene-d10	14.292	164	260413	20.00	ng		0.00
64) Phenanthrene-d10	17.033	188	567463	20.00	ng		0.00
76) Chrysene-d12	21.221	240	661921	20.00	ng		0.00
86) Perylene-d12	23.415	264	692536	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.245	112	501540	116.30	ng		0.00
7) Phenol-d6	6.834	99	780299	120.77	ng		0.00
23) Nitrobenzene-d5	8.810	82	801999	122.12	ng		0.00
42) 2,4,6-Tribromophenol	15.786	330	446320	122.83	ng		0.00
45) 2-Fluorobiphenyl	12.916	172	2284570	119.16	ng		0.00
79) Terphenyl-d14	19.668	244	4281716	122.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	94182	55.40	ng		99
3) Pyridine	3.575	79	269017m	61.75	ng		
4) n-Nitrosodimethylamine	3.493	42	130023	60.61	ng		96
6) Aniline	6.987	93	423755	59.67	ng		98
8) 2-Chlorophenol	7.216	128	315534	58.88	ng		98
10) Phenol	6.857	94	371347	59.82	ng		99
11) bis(2-Chloroethyl)ether	7.087	93	275096	57.03	ng		99
12) 1,3-Dichlorobenzene	7.539	146	352992	56.55	ng		99
13) 1,4-Dichlorobenzene	7.687	146	357361	55.80	ng		98
14) 1,2-Dichlorobenzene	7.998	146	357647	56.36	ng		99
15) Benzyl Alcohol	7.892	79	293922	62.03	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.186	45	352295	56.38	ng		98
17) 2-Methylphenol	8.098	107	259250	59.18	ng		98
18) Hexachloroethane	8.716	117	131675	56.29	ng		99
19) n-Nitroso-di-n-propyla...	8.463	70	281994	59.44	ng		98
20) 3+4-Methylphenols	8.428	107	363985	59.82	ng		99
22) Acetophenone	8.475	105	500671	61.19	ng	#	99
24) Nitrobenzene	8.851	77	397079	59.60	ng		99
25) Isophorone	9.375	82	749943	59.63	ng		100
26) 2-Nitrophenol	9.551	139	191235	65.03	ng		99
27) 2,4-Dimethylphenol	9.622	122	272226	60.49	ng		98
28) bis(2-Chloroethoxy)met...	9.857	93	367819	58.98	ng		100
29) 2,4-Dichlorophenol	10.086	162	365211	61.37	ng		98
30) 1,2,4-Trichlorobenzene	10.298	180	400443	58.79	ng		99
31) Naphthalene	10.480	128	1038665	59.06	ng		99
32) Benzoic acid	9.798	122	230959	65.39	ng		98
33) 4-Chloroaniline	10.598	127	436813	62.24	ng		98
34) Hexachlorobutadiene	10.769	225	253112	57.76	ng		98
35) Caprolactam	11.410	113	108767m	60.78	ng		
36) 4-Chloro-3-methylphenol	11.727	107	355221	60.80	ng		100
37) 2-Methylnaphthalene	12.098	142	833854	59.54	ng		99
38) 1-Methylnaphthalene	12.322	142	784737	58.25	ng		99
40) 1,2,4,5-Tetrachloroben...	12.474	216	465240	59.76	ng		100
41) Hexachlorocyclopentadiene	12.451	237	263128	61.95	ng		99
43) 2,4,6-Trichlorophenol	12.716	196	334675	61.88	ng		99
44) 2,4,5-Trichlorophenol	12.786	196	359401	60.27	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.121	154	1120246	58.60	ng	100
47) 2-Chloronaphthalene	13.163	162	902266	59.41	ng	99
48) 2-Nitroaniline	13.374	65	246956	65.55	ng	100
49) Acenaphthylene	14.016	152	1389759	59.48	ng	100
50) Dimethylphthalate	13.763	163	1151504	58.49	ng	100
51) 2,6-Dinitrotoluene	13.874	165	266832	61.21	ng	99
52) Acenaphthene	14.357	154	866229	59.45	ng	99
53) 3-Nitroaniline	14.210	138	234590	64.95	ng	97
54) 2,4-Dinitrophenol	14.416	184	163405	68.97	ng	91
55) Dibenzofuran	14.692	168	1445739	58.88	ng	98
56) 4-Nitrophenol	14.521	139	204703	64.91	ng	98
57) 2,4-Dinitrotoluene	14.668	165	370487	62.42	ng	98
58) Fluorene	15.345	166	1255461	60.61	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.921	232	316844	59.13	ng	98
60) Diethylphthalate	15.127	149	1136925	58.10	ng	99
61) 4-Chlorophenyl-phenyle...	15.339	204	631626	60.26	ng	97
62) 4-Nitroaniline	15.374	138	252781	67.18	ng	100
63) Azobenzene	15.633	77	1098864	59.62	ng	99
65) 4,6-Dinitro-2-methylph...	15.433	198	237124	62.11	ng	95
66) n-Nitrosodiphenylamine	15.557	169	1054001	60.14	ng	100
67) 4-Bromophenyl-phenylether	16.233	248	357165	58.94	ng	100
68) Hexachlorobenzene	16.345	284	403847	59.63	ng	99
69) Atrazine	16.515	200	370824	58.41	ng	98
70) Pentachlorophenol	16.692	266	271537	61.69	ng	98
71) Phenanthrene	17.080	178	1938799	59.75	ng	100
72) Anthracene	17.168	178	1952007	60.86	ng	100
73) Carbazole	17.439	167	1835250	60.92	ng	99
74) Di-n-butylphthalate	18.009	149	2038381	60.80	ng	100
75) Fluoranthene	19.098	202	2387980	60.06	ng	99
77) Benzidine	19.286	184	861524	61.37	ng	99
78) Pyrene	19.456	202	2528627	59.67	ng	100
80) Butylbenzylphthalate	20.368	149	998980	61.42	ng	95
81) Benzo(a)anthracene	21.203	228	2632090	60.06	ng	99
82) 3,3'-Dichlorobenzidine	21.144	252	876630	61.83	ng	99
83) Chrysene	21.256	228	2555239	59.33	ng	98
84) Bis(2-ethylhexyl)phtha...	21.144	149	1632294	61.40	ng	99
85) Di-n-octyl phthalate	22.009	149	2707035	60.22	ng	100
87) Indeno(1,2,3-cd)pyrene	25.644	276	3296972	60.91	ng	100
88) Benzo(b)fluoranthene	22.762	252	2774967	61.12	ng	99
89) Benzo(k)fluoranthene	22.809	252	2670226	60.09	ng	100
90) Benzo(a)pyrene	23.327	252	2566607	60.81	ng	99
91) Dibenzo(a,h)anthracene	25.650	278	2872172	61.55	ng	100
92) Benzo(g,h,i)perylene	26.315	276	2556595	59.09	ng	99

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

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