Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
Data File : BM036125.D
Acq On : 05 Aug 2022 18:44
Operator : CG/JU
Sample : N4023-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 06 01:12:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP1-1-6MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	332813	20.000	ng	0.00
21) Naphthalene-d8	10.657	136	1372230	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	792694	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	1499174	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1164188	20.000	ng	0.00
86) Perylene-d12	23.774	264	1039632	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2932995	142.877	ng	0.00
7) Phenol-d6	7.034	99	3363966	128.787	ng	0.00
23) Nitrobenzene-d5	9.028	82	2405403	98.123	ng	0.00
42) 2,4,6-Tribromophenol	15.986	330	1414565	152.114	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	5147992	95.887	ng	0.00
79) Terphenyl-d14	19.862	244	6703099	113.568	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	366433	44.299	ng	# 14
3) Pyridine	3.711	79	843733	38.038	ng	# 88
4) n-Nitrosodimethylamine	3.616	42	473854	51.985	ng	# 65
6) Aniline	7.187	93	858450	29.678	ng	95
8) 2-Chlorophenol	7.416	128	1220350	55.757	ng	95
9) Benzaldehyde	6.993	77	665928	48.157	ng	94
10) Phenol	7.057	94	1276193	48.523	ng	92
11) bis(2-Chloroethyl)ether	7.287	93	1195063	55.159	ng	95
12) 1,3-Dichlorobenzene	7.740	146	1314605	54.202	ng	98
13) 1,4-Dichlorobenzene	7.887	146	1342613	54.282	ng	99
14) 1,2-Dichlorobenzene	8.204	146	1285828	53.878	ng	99
15) Benzyl Alcohol	8.104	79	1014210m	57.861	ng	
16) 2,2'-oxybis(1-Chloropr...	8.393	45	1583502	54.965	ng	97
17) 2-Methylphenol	8.310	107	964119	55.378	ng	96
18) Hexachloroethane	8.928	117	497545	55.879	ng	95
19) n-Nitroso-di-n-propyla...	8.675	70	880781	55.514	ng	# 88
20) 3+4-Methylphenols	8.640	107	1271385	53.751	ng	97
22) Acetophenone	8.687	105	1804702	55.558	ng	# 92
24) Nitrobenzene	9.069	77	1301361	56.469	ng	96
25) Isophorone	9.598	82	2448996	61.410	ng	98
26) 2-Nitrophenol	9.775	139	650251	59.822	ng	94
27) 2,4-Dimethylphenol	9.840	122	1088594	64.650	ng	97
28) bis(2-Chloroethoxy)met...	10.081	93	1532489	53.938	ng	100
29) 2,4-Dichlorophenol	10.310	162	1089353	57.529	ng	99
30) 1,2,4-Trichlorobenzene	10.522	180	1106059	51.544	ng	99
31) Naphthalene	10.710	128	3698955	54.218	ng	100
32) Benzoic acid	10.004	122	634614	47.545	ng	93
33) 4-Chloroaniline	10.834	127	360357	13.106	ng	96
34) Hexachlorobutadiene	10.987	225	662168	52.513	ng	98
35) Caprolactam	11.639	113	257514m	44.151	ng	
36) 4-Chloro-3-methylphenol	11.957	107	1126142	56.581	ng	100
37) 2-Methylnaphthalene	12.322	142	2505135	55.180	ng	98
38) 1-Methylnaphthalene	12.539	142	2380073	53.533	ng	99
40) 1,2,4,5-Tetrachloroben...	12.686	216	1194094	55.563	ng	99
41) Hexachlorocyclopentadiene	12.663	237	1581869	138.978	ng	99
43) 2,4,6-Trichlorophenol	12.933	196	829212	56.704	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	880234	57.021	ng	98
46) 1,1'-Biphenyl	13.333	154	3214478	55.643	ng	99
47) 2-Chloronaphthalene	13.375	162	2430661	54.975	ng	99
48) 2-Nitroaniline	13.586	65	716162	59.436	ng	93
49) Acenaphthylene	14.222	152	3834736	56.108	ng	100
50) Dimethylphthalate	13.963	163	2913344	54.045	ng	100
51) 2,6-Dinitrotoluene	14.086	165	638971	59.078	ng	91
52) Acenaphthene	14.563	154	2734027m	61.152	ng	
53) 3-Nitroaniline	14.410	138	447178	35.437	ng	95
54) 2,4-Dinitrophenol	14.622	184	688577	120.308	ng	88
55) Dibenzofuran	14.892	168	3538248	52.848	ng	98
56) 4-Nitrophenol	14.727	139	1053344	104.310	ng	86
57) 2,4-Dinitrotoluene	14.869	165	860012	60.665	ng	99
58) Fluorene	15.539	166	2869916	54.342	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.122	232	708857	54.208	ng	97
60) Diethylphthalate	15.322	149	2951451	53.278	ng	99
61) 4-Chlorophenyl-phenyle...	15.539	204	1395098	52.977	ng	95
62) 4-Nitroaniline	15.574	138	689398	53.105	ng	92
63) Azobenzene	15.833	77	2817142	53.493	ng	93
65) 4,6-Dinitro-2-methylph...	15.627	198	418574	54.605	ng	94
66) n-Nitrosodiphenylamine	15.757	169	2397554	56.651	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	830778	55.401	ng	97
68) Hexachlorobenzene	16.539	284	968416	56.284	ng	92
69) Atrazine	16.710	200	808408	68.266	ng	96
70) Pentachlorophenol	16.886	266	1175432	116.647	ng	98
71) Phenanthrene	17.280	178	4157654	54.436	ng	98
72) Anthracene	17.368	178	4228336	57.183	ng	99
73) Carbazole	17.645	167	3892260	51.951	ng	99
74) Di-n-butylphthalate	18.210	149	4876458	54.524	ng	99
75) Fluoranthene	19.292	202	4464556	52.220	ng	98
77) Benzidine	19.486	184	911768	52.222	ng	99
78) Pyrene	19.657	202	4489643	62.191	ng	98
80) Butylbenzylphthalate	20.556	149	1927887	61.875	ng	100
81) Benzo(a)anthracene	21.404	228	3894859	54.316	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	1092284	62.733	ng	100
83) Chrysene	21.456	228	3620333	53.112	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	2701165	57.464	ng	99
85) Di-n-octyl phthalate	22.245	149	4114248	53.630	ng	95
87) Indeno(1,2,3-cd)pyrene	26.227	276	3858229	52.809	ng	98
88) Benzo(b)fluoranthene	23.056	252	3578798	58.754	ng	98
89) Benzo(k)fluoranthene	23.103	252	3498423	56.866	ng	99
90) Benzo(a)pyrene	23.668	252	3049758	59.675	ng	98
91) Dibenzo(a,h)anthracene	26.244	278	3421757	55.952	ng	98
92) Benzo(g,h,i)perylene	26.985	276	3362629	56.798	ng	99

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

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