Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035329.D
Acq On : 31 May 2022 17:15
Operator : CG/JU
Sample : N3056-11MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

Quant Time: Jun 01 03:48:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 15:35:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	92878	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	346233	20.000	ng	#	0.00
39) Acenaphthene-d10	14.510	164	274804	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	480498	20.000	ng	#	0.00
76) Chrysene-d12	21.439	240	549127	20.000	ng	#	0.00
86) Perylene-d12	23.803	264	551031	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	410867	81.678	ng		0.00
7) Phenol-d6	7.051	99	320390	49.188	ng		0.00
23) Nitrobenzene-d5	9.034	82	658828	104.748	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	507768	142.431	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	1721036	86.849	ng		0.00
79) Terphenyl-d14	19.880	244	2746900	88.641	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	47633	24.179	ng	#	90
3) Pyridine	3.752	79	120025m	23.418	ng		
4) n-Nitrosodimethylamine	3.657	42	61419	24.604	ng	#	81
6) Aniline	7.198	93	181839	26.276	ng		98
8) 2-Chlorophenol	7.440	128	272936	48.217	ng		93
9) Benzaldehyde	7.010	77	280458	83.047	ng	#	1
10) Phenol	7.081	94	126296	19.896	ng		91
11) bis(2-Chloroethyl)ether	7.293	93	301831	60.830	ng		93
12) 1,3-Dichlorobenzene	7.757	146	356096	54.428	ng		96
13) 1,4-Dichlorobenzene	7.904	146	366587	54.861	ng		99
14) 1,2-Dichlorobenzene	8.222	146	351804	54.247	ng		99
15) Benzyl Alcohol	8.116	79	187531	40.478	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.398	45	330922	49.622	ng		91
17) 2-Methylphenol	8.328	107	182990	41.113	ng		97
18) Hexachloroethane	8.945	117	118627	51.826	ng	#	87
19) n-Nitroso-di-n-propyla...	8.681	70	220752	54.952	ng		89
20) 3+4-Methylphenols	8.657	107	225044	36.938	ng		98
22) Acetophenone	8.692	105	816213	99.062	ng	#	89
24) Nitrobenzene	9.075	77	371433	64.028	ng		95
25) Isophorone	9.604	82	605889	63.647	ng		96
26) 2-Nitrophenol	9.787	139	178690	59.697	ng		93
27) 2,4-Dimethylphenol	9.857	122	322096	76.827	ng		99
28) bis(2-Chloroethoxy)met...	10.086	93	372632	57.884	ng		99
29) 2,4-Dichlorophenol	10.328	162	303835	57.544	ng		99
30) 1,2,4-Trichlorobenzene	10.534	180	367060	58.231	ng		98
31) Naphthalene	10.728	128	5120852	303.531	ng		99
32) Benzoic acid	10.022	122	134097	36.226	ng		95
33) 4-Chloroaniline	10.833	127	192374	28.788	ng		96
34) Hexachlorobutadiene	11.010	225	235965	57.210	ng		98
35) Caprolactam	11.816	113	19730	13.618	ng		94
36) 4-Chloro-3-methylphenol	11.975	107	273512	52.141	ng		98
37) 2-Methylnaphthalene	12.333	142	1294222	108.794	ng		98
38) 1-Methylnaphthalene	12.551	142	1185727	101.964	ng		100
40) 1,2,4,5-Tetrachloroben...	12.704	216	438117	49.785	ng	#	96
41) Hexachlorocyclopentadiene	12.686	237	345509	65.831	ng		97
43) 2,4,6-Trichlorophenol	12.951	196	269983	47.078	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	291092	47.719	ng	#	91
46) 1,1'-Biphenyl	13.345	154	959798	47.403	ng		99
47) 2-Chloronaphthalene	13.386	162	747432	47.609	ng		97
48) 2-Nitroaniline	13.592	65	227493	58.074	ng		90
49) Acenaphthylene	14.227	152	1193697	50.995	ng		99
50) Dimethylphthalate	13.974	163	922118	47.317	ng	#	97
51) 2,6-Dinitrotoluene	14.092	165	223882	55.963	ng	#	78
52) Acenaphthene	14.574	154	688903	48.326	ng		99
53) 3-Nitroaniline	14.421	138	88435	22.313	ng		91
54) 2,4-Dinitrophenol	14.633	184	207246	81.105	ng	#	79
55) Dibenzofuran	14.910	168	1156144	48.155	ng		94
56) 4-Nitrophenol	14.751	139	146875	48.067	ng		86
57) 2,4-Dinitrotoluene	14.880	165	293496	54.692	ng	#	84
58) Fluorene	15.557	166	948272	50.658	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.139	232	266996	49.452	ng	#	84
60) Diethylphthalate	15.333	149	917564	48.189	ng		97
61) 4-Chlorophenyl-phenyle...	15.551	204	489078	47.987	ng		90
62) 4-Nitroaniline	15.580	138	175046	43.728	ng		91
63) Azobenzene	15.845	77	712849	44.251	ng		90
65) 4,6-Dinitro-2-methylph...	15.645	198	136138	45.175	ng		86
66) n-Nitrosodiphenylamine	15.768	169	803514	58.062	ng		99
67) 4-Bromophenyl-phenylether	16.445	248	319971	59.556	ng	#	89
68) Hexachlorobenzene	16.563	284	367600	61.421	ng	#	88
69) Atrazine	16.727	200	297915	64.676	ng		97
70) Pentachlorophenol	16.910	266	474886	137.379	ng		99
71) Phenanthrene	17.292	178	1550535	62.807	ng		99
72) Anthracene	17.386	178	1521485	63.137	ng		99
73) Carbazole	17.657	167	1539042	67.155	ng		98
74) Di-n-butylphthalate	18.227	149	1615513	60.756	ng		99
75) Fluoranthene	19.309	202	1937848	67.018	ng		98
78) Pyrene	19.674	202	2014411	55.915	ng		100
80) Butylbenzylphthalate	20.574	149	799536	58.024	ng		89
81) Benzo(a)anthracene	21.427	228	2123006	61.136	ng		99
82) 3,3'-Dichlorobenzidine	21.356	252	264228	30.733	ng	#	98
83) Chrysene	21.474	228	1960367	59.805	ng		99
84) Bis(2-ethylhexyl)phtha...	21.356	149	1145785	58.813	ng	#	96
85) Di-n-octyl phthalate	22.268	149	2049041	63.398	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.268	276	2405488	64.072	ng	#	94
88) Benzo(b)fluoranthene	23.092	252	2282852	68.669	ng		98
89) Benzo(k)fluoranthene	23.139	252	2068112m	62.965	ng		
90) Benzo(a)pyrene	23.703	252	2091297	75.899	ng		98
91) Dibenzo(a,h)anthracene	26.280	278	2098381	67.286	ng	#	96
92) Benzo(g,h,i)perylene	27.015	276	2096277	67.397	ng	#	95

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

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