Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080322\
Data File : BM036081.D
Acq On : 03 Aug 2022 17:01
Operator : CG/JU
Sample : N3947-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NSB06-14-15MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/04/2022
Supervised By :Jagrut Upadhyay 08/05/2022

Quant Time: Aug 04 01:31:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	239998	20.000	ng		0.00
21) Naphthalene-d8	10.669	136	1161837	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	798323	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1739054	20.000	ng		0.00
76) Chrysene-d12	21.433	240	1852431	20.000	ng		0.00
86) Perylene-d12	23.797	264	2161815	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1810080	122.276	ng		0.00
7) Phenol-d6	7.040	99	2576392	136.780	ng		0.00
23) Nitrobenzene-d5	9.033	82	1434079	69.093	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	1153356	123.151	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	3524246	65.180	ng		0.00
79) Terphenyl-d14	19.874	244	6383910	67.975	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	227489	38.137	ng		95
3) Pyridine	3.699	79	697652	43.615	ng		87
4) n-Nitrosodimethylamine	3.616	42	318918	48.519	ng	#	63
6) Aniline	7.192	93	1144242	54.857	ng		95
8) 2-Chlorophenol	7.428	128	942934	59.743	ng		96
9) Benzaldehyde	7.004	77	383895	38.498	ng		94
10) Phenol	7.063	94	1253257	66.080	ng		92
11) bis(2-Chloroethyl)ether	7.292	93	823690	52.721	ng		94
12) 1,3-Dichlorobenzene	7.751	146	855530	48.915	ng		97
13) 1,4-Dichlorobenzene	7.898	146	879629	49.317	ng		98
14) 1,2-Dichlorobenzene	8.216	146	868632	50.473	ng		98
15) Benzyl Alcohol	8.116	79	820304m	64.898	ng		
16) 2,2'-oxybis(1-Chloropr...	8.398	45	1107126	53.292	ng		98
17) 2-Methylphenol	8.316	107	831333	66.217	ng		95
18) Hexachloroethane	8.945	117	318368	49.584	ng		96
19) n-Nitroso-di-n-propyla...	8.681	70	679941	59.429	ng		88
20) 3+4-Methylphenols	8.645	107	1149740	67.406	ng		96
22) Acetophenone	8.698	105	1370045	49.815	ng	#	92
24) Nitrobenzene	9.075	77	1002792	51.393	ng		97
25) Isophorone	9.604	82	1992480	59.010	ng		98
26) 2-Nitrophenol	9.786	139	513092	55.752	ng		92
27) 2,4-Dimethylphenol	9.851	122	960824	67.395	ng		98
28) bis(2-Chloroethoxy)met...	10.086	93	1221294	50.769	ng		99
29) 2,4-Dichlorophenol	10.322	162	958604	59.791	ng		99
30) 1,2,4-Trichlorobenzene	10.533	180	825327	45.426	ng		98
31) Naphthalene	10.722	128	2876238	49.793	ng		100
32) Benzoic acid	10.022	122	908322	80.375	ng		93
33) 4-Chloroaniline	10.839	127	907458	38.981	ng		95
34) Hexachlorobutadiene	10.998	225	468035	43.839	ng		99
35) Caprolactam	11.651	113	353275m	71.538	ng		
36) 4-Chloro-3-methylphenol	11.969	107	1079541	64.061	ng		99
37) 2-Methylnaphthalene	12.333	142	2091294	54.406	ng		97
38) 1-Methylnaphthalene	12.551	142	2021714	53.708	ng		99
40) 1,2,4,5-Tetrachloroben...	12.698	216	990991	45.787	ng		99
41) Hexachlorocyclopentadiene	12.674	237	1039207	90.658	ng		99
43) 2,4,6-Trichlorophenol	12.939	196	786138	53.379	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	859691	55.298	ng	98
46) 1,1'-Biphenyl	13.345	154	2798714	48.105	ng	99
47) 2-Chloronaphthalene	13.386	162	2153168	48.355	ng	99
48) 2-Nitroaniline	13.598	65	708722	58.403	ng	89
49) Acenaphthylene	14.227	152	3589909	52.155	ng	99
50) Dimethylphthalate	13.974	163	2785671	51.312	ng	99
51) 2,6-Dinitrotoluene	14.092	165	623146	57.208	ng	91
52) Acenaphthene	14.568	154	2525383m	56.087	ng	
53) 3-Nitroaniline	14.421	138	608883	47.911	ng	95
54) 2,4-Dinitrophenol	14.627	184	643584	111.654	ng	89
55) Dibenzofuran	14.904	168	3383043	50.174	ng	98
56) 4-Nitrophenol	14.739	139	1388133	136.494	ng	86
57) 2,4-Dinitrotoluene	14.874	165	874866	61.277	ng	98
58) Fluorene	15.551	166	2782982	52.324	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.127	232	743515	56.458	ng	97
60) Diethylphthalate	15.333	149	2914633	52.243	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1326910	50.032	ng	97
62) 4-Nitroaniline	15.586	138	799629	61.162	ng	91
63) Azobenzene	15.839	77	2736036	51.587	ng	94
65) 4,6-Dinitro-2-methylph...	15.633	198	398158	44.777	ng	94
66) n-Nitrosodiphenylamine	15.762	169	2417845	49.250	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	826662	47.523	ng	95
68) Hexachlorobenzene	16.545	284	975579	48.879	ng	95
69) Atrazine	16.721	200	850224	61.894	ng	98
70) Pentachlorophenol	16.898	266	1406104	120.291	ng	100
71) Phenanthrene	17.292	178	4410926	49.786	ng	99
72) Anthracene	17.380	178	4502911	52.496	ng	98
73) Carbazole	17.651	167	4415536	50.806	ng	99
74) Di-n-butylphthalate	18.221	149	5279191	50.885	ng	99
75) Fluoranthene	19.303	202	5305665	53.498	ng	98
77) Benzidine	19.497	184	2960875	106.579	ng	99
78) Pyrene	19.668	202	5491454	47.806	ng	98
80) Butylbenzylphthalate	20.568	149	2562022	51.677	ng	99
81) Benzo(a)anthracene	21.415	228	5793181	50.773	ng	100
82) 3,3'-Dichlorobenzidine	21.356	252	2178320	78.625	ng	100
83) Chrysene	21.468	228	5406588	49.848	ng	99
84) Bis(2-ethylhexyl)phtha...	21.344	149	3709626	49.597	ng	98
85) Di-n-octyl phthalate	22.262	149	6455408	52.884	ng	95
87) Indeno(1,2,3-cd)pyrene	26.274	276	7620079	50.158	ng	99
88) Benzo(b)fluoranthene	23.080	252	6446485	50.896	ng	98
89) Benzo(k)fluoranthene	23.133	252	6353300	49.664	ng	99
90) Benzo(a)pyrene	23.697	252	5849801	55.046	ng	99
91) Dibenzo(a,h)anthracene	26.291	278	6672795	52.473	ng	99
92) Benzo(g,h,i)perylene	27.032	276	6474526	52.592	ng	97

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

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