Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052822\
Data File : BM035320.D
Acq On : 28 May 2022 21:31
Operator : CG/JU
Sample : N2896-06MSD 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P038-SS001-0006-01MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/29/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Quant Time: May 29 00:34:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 16:44:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	163648	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	617565	20.000	ng		0.00
39) Acenaphthene-d10	14.515	164	381561	20.000	ng		0.00
64) Phenanthrene-d10	17.256	188	783200	20.000	ng		0.00
76) Chrysene-d12	21.439	240	739678	20.000	ng	#	0.00
86) Perylene-d12	23.809	264	727761	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	126429	14.264	ng		0.00
7) Phenol-d6	7.057	99	158252	13.789	ng		0.00
23) Nitrobenzene-d5	9.033	82	102784	9.162	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	66327	13.400	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	277680	10.092	ng		0.00
79) Terphenyl-d14	19.880	244	413846	9.914	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	21197	6.107	ng		97
3) Pyridine	3.769	79	48464	5.367	ng		92
4) n-Nitrosodimethylamine	3.669	42	31777	7.225	ng	#	86
6) Aniline	7.204	93	48608	3.986	ng		98
8) 2-Chlorophenol	7.445	128	84026	8.425	ng		95
9) Benzaldehyde	7.016	77	48837	8.207	ng		95
10) Phenol	7.081	94	93557	8.365	ng		98
11) bis(2-Chloroethyl)ether	7.298	93	72260	8.265	ng		91
12) 1,3-Dichlorobenzene	7.763	146	95249	8.263	ng		97
13) 1,4-Dichlorobenzene	7.910	146	97331	8.267	ng		99
14) 1,2-Dichlorobenzene	8.228	146	93953	8.222	ng		98
15) Benzyl Alcohol	8.122	79	65642m	8.041	ng		
16) 2,2'-oxybis(1-Chloropr...	8.410	45	99167	8.440	ng		95
17) 2-Methylphenol	8.333	107	65516	8.354	ng		98
18) Hexachloroethane	8.951	117	26147	6.483	ng		92
19) n-Nitroso-di-n-propyla...	8.686	70	57676	8.148	ng		91
20) 3+4-Methylphenols	8.663	107	85876	8.000	ng		98
22) Acetophenone	8.698	105	119640	8.141	ng	#	96
24) Nitrobenzene	9.075	77	83943	8.113	ng		98
25) Isophorone	9.610	82	154399	9.093	ng		96
26) 2-Nitrophenol	9.792	139	26314	4.929	ng		98
27) 2,4-Dimethylphenol	9.863	122	73798	9.869	ng		98
28) bis(2-Chloroethoxy)met...	10.086	93	96099	8.369	ng		98
29) 2,4-Dichlorophenol	10.339	162	78801	8.367	ng		97
30) 1,2,4-Trichlorobenzene	10.545	180	93359	8.304	ng		97
31) Naphthalene	10.727	128	253844	8.436	ng		100
32) Benzoic acid	9.969	122	44296	9.076	ng		95
33) 4-Chloroaniline	10.845	127	55426	4.650	ng		97
34) Hexachlorobutadiene	11.016	225	62693	8.522	ng		95
35) Caprolactam	11.621	113	20197	7.815	ng		92
36) 4-Chloro-3-methylphenol	11.980	107	76817	8.210	ng		97
37) 2-Methylnaphthalene	12.339	142	180195	8.492	ng		97
38) 1-Methylnaphthalene	12.557	142	173922	8.385	ng		98
40) 1,2,4,5-Tetrachloroben...	12.710	216	107638	8.809	ng	#	96
41) Hexachlorocyclopentadiene	12.692	237	23696	8.134	ng		92
43) 2,4,6-Trichlorophenol	12.957	196	67575	8.486	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	71053	8.389	ng		94
46) 1,1'-Biphenyl	13.351	154	242470	8.625	ng		98
47) 2-Chloronaphthalene	13.392	162	188086	8.628	ng		99
48) 2-Nitroaniline	13.598	65	51436	9.457	ng		96
49) Acenaphthylene	14.233	152	289387	8.904	ng		100
50) Dimethylphthalate	13.974	163	231034	8.538	ng		99
51) 2,6-Dinitrotoluene	14.092	165	35958	6.473	ng		87
52) Acenaphthene	14.580	154	167862	8.481	ng		99
53) 3-Nitroaniline	14.421	138	43211	7.852	ng		90
55) Dibenzofuran	14.910	168	280105	8.402	ng		96
56) 4-Nitrophenol	14.757	139	60802	14.331	ng		92
57) 2,4-Dinitrotoluene	14.886	165	43351	5.818	ng		89
58) Fluorene	15.562	166	220830	8.496	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	62136	8.289	ng	#	88
60) Diethylphthalate	15.333	149	228957	8.660	ng		97
61) 4-Chlorophenyl-phenyle...	15.557	204	119901	8.473	ng		92
62) 4-Nitroaniline	15.580	138	49111	8.836	ng		97
63) Azobenzene	15.845	77	174897	7.819	ng		95
66) n-Nitrosodiphenylamine	15.768	169	194052	8.603	ng		99
67) 4-Bromophenyl-phenylether	16.451	248	73083	8.345	ng	#	90
68) Hexachlorobenzene	16.568	284	80766	8.279	ng	#	90
69) Atrazine	16.721	200	67385	8.975	ng		97
70) Pentachlorophenol	16.915	266	85044	15.094	ng		98
71) Phenanthrene	17.298	178	345485	8.586	ng		100
72) Anthracene	17.392	178	348480	8.872	ng		100
73) Carbazole	17.662	167	309275	8.279	ng		97
74) Di-n-butylphthalate	18.227	149	399850	9.226	ng		99
75) Fluoranthene	19.315	202	400526	8.498	ng		97
78) Pyrene	19.680	202	403381	8.312	ng		100
80) Butylbenzylphthalate	20.574	149	180319	9.715	ng		93
81) Benzo(a)anthracene	21.427	228	402090	8.596	ng		98
82) 3,3'-Dichlorobenzidine	21.356	252	91372	7.890	ng		99
83) Chrysene	21.474	228	371518	8.414	ng		99
84) Bis(2-ethylhexyl)phtha...	21.356	149	274161	10.447	ng	#	99
85) Di-n-octyl phthalate	22.268	149	458130	10.523	ng		98
87) Indeno(1,2,3-cd)pyrene	26.262	276	411267	8.294	ng		97
88) Benzo(b)fluoranthene	23.091	252	395725	9.013	ng		99
89) Benzo(k)fluoranthene	23.138	252	369505	8.518	ng		99
90) Benzo(a)pyrene	23.703	252	356365	9.793	ng		99
91) Dibenzo(a,h)anthracene	26.273	278	370019	8.984	ng		99
92) Benzo(g,h,i)perylene	27.015	276	353156	8.597	ng		96

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

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