Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052822\
Data File : BM035319.D
Acq On : 28 May 2022 20:55
Operator : CG/JU
Sample : N2896-05MS 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 29 01:06:01 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

Instrument :
BNA_M
ClientSampleId :

Manual Integrations APPROVED

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

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05/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	149880	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	560005	20.000	ng		0.00
39) Acenaphthene-d10	14.516	164	353696	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	764601	20.000	ng		0.00
76) Chrysene-d12	21.439	240	762355	20.000	ng	#	0.00
86) Perylene-d12	23.809	264	783728	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	117812	14.513	ng		0.00
7) Phenol-d6	7.057	99	149295	14.204	ng		0.00
23) Nitrobenzene-d5	9.034	82	91697	9.014	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	65984	14.380	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	248297	9.735	ng		0.00
79) Terphenyl-d14	19.880	244	422552	9.822	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	21270	6.691	ng		91
3) Pyridine	3.769	79	47693	5.766	ng		97
4) n-Nitrosodimethylamine	3.675	42	26856	6.667	ng	#	78
6) Aniline	7.204	93	44108	3.950	ng		96
8) 2-Chlorophenol	7.446	128	77761	8.513	ng		92
9) Benzaldehyde	7.016	77	43898	8.055	ng		93
10) Phenol	7.081	94	88086	8.599	ng		98
11) bis(2-Chloroethyl)ether	7.299	93	67987	8.491	ng		93
12) 1,3-Dichlorobenzene	7.763	146	88122	8.347	ng		97
13) 1,4-Dichlorobenzene	7.910	146	89848	8.332	ng		99
14) 1,2-Dichlorobenzene	8.228	146	87197	8.332	ng		98
15) Benzyl Alcohol	8.122	79	58946m	7.884	ng		
16) 2,2'-oxybis(1-Chloropr...	8.404	45	84320	7.835	ng		94
17) 2-Methylphenol	8.334	107	62939	8.763	ng		96
18) Hexachloroethane	8.951	117	20841	5.642	ng		89
19) n-Nitroso-di-n-propyla...	8.681	70	50432	7.780	ng		89
20) 3+4-Methylphenols	8.657	107	81716	8.312	ng		90
22) Acetophenone	8.698	105	109501	8.217	ng	#	95
24) Nitrobenzene	9.075	77	74521	7.942	ng		96
25) Isophorone	9.604	82	133575	8.675	ng		97
26) 2-Nitrophenol	9.792	139	18323	3.785	ng		95
27) 2,4-Dimethylphenol	9.863	122	67296	9.924	ng		99
28) bis(2-Chloroethoxy)met...	10.087	93	82867	7.959	ng		99
29) 2,4-Dichlorophenol	10.339	162	73237	8.576	ng		97
30) 1,2,4-Trichlorobenzene	10.539	180	85572	8.393	ng		99
31) Naphthalene	10.728	128	233014	8.539	ng		99
32) Benzoic acid	9.969	122	40827	9.177	ng		95
33) 4-Chloroaniline	10.845	127	50753	4.696	ng		96
34) Hexachlorobutadiene	11.016	225	55634	8.340	ng		95
35) Caprolactam	11.622	113	18851	8.044	ng	#	85
36) 4-Chloro-3-methylphenol	11.981	107	71078	8.377	ng		99
37) 2-Methylnaphthalene	12.339	142	163548	8.500	ng		98
38) 1-Methylnaphthalene	12.557	142	158066	8.404	ng		98
40) 1,2,4,5-Tetrachloroben...	12.710	216	97890	8.642	ng	#	96
41) Hexachlorocyclopentadiene	12.686	237	4202	5.709	ng		90
43) 2,4,6-Trichlorophenol	12.957	196	62724	8.498	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	67584	8.608	ng	#	93
46) 1,1'-Biphenyl	13.351	154	218620	8.389	ng		98
47) 2-Chloronaphthalene	13.392	162	171876	8.506	ng		97
48) 2-Nitroaniline	13.598	65	46660	9.254	ng		92
49) Acenaphthylene	14.233	152	268082	8.898	ng		98
50) Dimethylphthalate	13.975	163	205682	8.200	ng		99
51) 2,6-Dinitrotoluene	14.086	165	30828	5.987	ng	#	84
52) Acenaphthene	14.575	154	157205	8.568	ng		99
53) 3-Nitroaniline	14.422	138	41212	8.079	ng		98
55) Dibenzofuran	14.910	168	260178	8.420	ng		95
56) 4-Nitrophenol	14.757	139	60044	15.267	ng		87
57) 2,4-Dinitrotoluene	14.880	165	37078	5.368	ng		94
58) Fluorene	15.563	166	206499	8.571	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.145	232	60944	8.770	ng	#	86
60) Diethylphthalate	15.333	149	202199	8.251	ng		97
61) 4-Chlorophenyl-phenyle...	15.557	204	110483	8.422	ng		93
62) 4-Nitroaniline	15.580	138	49215	9.552	ng		93
63) Azobenzene	15.845	77	155098	7.480	ng		94
66) n-Nitrosodiphenylamine	15.769	169	181975	8.264	ng		98
67) 4-Bromophenyl-phenylether	16.451	248	70161	8.207	ng	#	88
68) Hexachlorobenzene	16.569	284	78385	8.231	ng	#	91
69) Atrazine	16.721	200	62785	8.566	ng		95
70) Pentachlorophenol	16.916	266	91048	16.552	ng		99
71) Phenanthrene	17.298	178	337250	8.585	ng		99
72) Anthracene	17.392	178	340528	8.880	ng		99
73) Carbazole	17.663	167	308005	8.446	ng		98
74) Di-n-butylphthalate	18.227	149	360869	8.529	ng		99
75) Fluoranthene	19.315	202	406780	8.841	ng		98
78) Pyrene	19.674	202	419258	8.383	ng		100
80) Butylbenzylphthalate	20.574	149	173779	9.084	ng		94
81) Benzo(a)anthracene	21.427	228	417258	8.655	ng		99
82) 3,3'-Dichlorobenzidine	21.356	252	93532	7.836	ng	#	99
83) Chrysene	21.474	228	381323	8.379	ng		99
84) Bis(2-ethylhexyl)phtha...	21.356	149	262942	9.722	ng	#	98
85) Di-n-octyl phthalate	22.268	149	447719	9.978	ng		97
87) Indeno(1,2,3-cd)pyrene	26.262	276	447461	8.380	ng		95
88) Benzo(b)fluoranthene	23.092	252	433694	9.172	ng		98
89) Benzo(k)fluoranthene	23.139	252	404151	8.651	ng		99
90) Benzo(a)pyrene	23.703	252	385262	9.831	ng		99
91) Dibenzo(a,h)anthracene	26.280	278	394728	8.899	ng		97
92) Benzo(g,h,i)perylene	27.015	276	382931	8.656	ng		96

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

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