Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060722\
Data File : BM035413.D
Acq On : 07 Jun 2022 16:02
Operator : CG/JU
Sample : N3194-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 08 04:07:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 14:28:07 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.839	152	185214	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	654977	20.000	ng	#	0.00
39) Acenaphthene-d10	14.486	164	387112	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	734929	20.000	ng		0.00
76) Chrysene-d12	21.415	240	771494	20.000	ng	#	0.00
86) Perylene-d12	23.774	264	895001	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1109844	125.916	ng		0.00
7) Phenol-d6	7.034	99	1334780	110.863	ng		0.00
23) Nitrobenzene-d5	9.004	82	792812	76.859	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	599666	96.548	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	2179906	80.879	ng		0.00
79) Terphenyl-d14	19.856	244	2814393	72.678	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	167082	56.507	ng	#	85
3) Pyridine	3.728	79	406948	50.470	ng	#	85
4) n-Nitrosodimethylamine	3.640	42	180123	59.203	ng	#	57
6) Aniline	7.175	93	551283	41.889	ng		93
8) 2-Chlorophenol	7.416	128	574078	51.906	ng		88
9) Benzaldehyde	6.981	77	267038	58.924	ng		88
10) Phenol	7.057	94	605397	52.159	ng		89
11) bis(2-Chloroethyl)ether	7.269	93	477084	50.531	ng		89
12) 1,3-Dichlorobenzene	7.734	146	673832	52.169	ng	#	93
13) 1,4-Dichlorobenzene	7.875	146	683944	51.574	ng		97
14) 1,2-Dichlorobenzene	8.192	146	650534	50.026	ng		96
15) Benzyl Alcohol	8.092	79	400375m	45.509	ng		
16) 2,2'-oxybis(1-Chloropr...	8.381	45	533344	46.332	ng		92
17) 2-Methylphenol	8.304	107	422084	48.103	ng		94
18) Hexachloroethane	8.916	117	220818	51.049	ng	#	83
19) n-Nitroso-di-n-propyla...	8.657	70	326567	42.891	ng	#	83
20) 3+4-Methylphenols	8.634	107	563937	45.916	ng		94
22) Acetophenone	8.669	105	744287	51.115	ng	#	90
24) Nitrobenzene	9.051	77	496517	53.138	ng		89
25) Isophorone	9.581	82	892330	50.016	ng	#	93
26) 2-Nitrophenol	9.757	139	312687	51.141	ng	#	82
27) 2,4-Dimethylphenol	9.833	122	475319	58.623	ng		97
28) bis(2-Chloroethoxy)met...	10.057	93	588328	47.717	ng		98
29) 2,4-Dichlorophenol	10.304	162	545795	49.367	ng		96
30) 1,2,4-Trichlorobenzene	10.510	180	650140	51.120	ng		97
31) Naphthalene	10.692	128	1629992	51.362	ng		100
32) Benzoic acid	10.022	122	314218	43.324	ng		87
33) 4-Chloroaniline	10.810	127	274133	20.627	ng	#	93
34) Hexachlorobutadiene	10.980	225	419890	49.930	ng		98
35) Caprolactam	11.610	113	129613	39.833	ng	#	75
36) 4-Chloro-3-methylphenol	11.957	107	446202	43.778	ng		92
37) 2-Methylnaphthalene	12.304	142	1164033	48.609	ng		95
38) 1-Methylnaphthalene	12.527	142	1108572	47.238	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.680	216	730751	57.580	ng	#	96
41) Hexachlorocyclopentadiene	12.657	237	688317	109.396	ng		98
43) 2,4,6-Trichlorophenol	12.927	196	444005	51.834	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	465490	50.616	ng	#	89
46) 1,1'-Biphenyl	13.321	154	1528408	55.388	ng		98
47) 2-Chloronaphthalene	13.363	162	1205971	56.018	ng		96
48) 2-Nitroaniline	13.569	65	244844	51.178	ng	#	78
49) Acenaphthylene	14.204	152	1840408	56.136	ng		99
50) Dimethylphthalate	13.951	163	1354019	47.580	ng	#	99
51) 2,6-Dinitrotoluene	14.068	165	308915	50.851	ng	#	70
52) Acenaphthene	14.551	154	1044991	52.639	ng		99
53) 3-Nitroaniline	14.398	138	165627	28.721	ng		88
54) 2,4-Dinitrophenol	14.616	184	324913	75.243	ng	#	72
55) Dibenzofuran	14.886	168	1694332	49.692	ng		92
56) 4-Nitrophenol	14.733	139	424380	98.058	ng	#	74
57) 2,4-Dinitrotoluene	14.863	165	400904	48.211	ng	#	78
58) Fluorene	15.533	166	1316531	49.420	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	383137	45.258	ng	#	80
60) Diethylphthalate	15.310	149	1249555	44.402	ng		96
61) 4-Chlorophenyl-phenyle...	15.527	204	722468	47.284	ng	#	87
62) 4-Nitroaniline	15.563	138	259947	43.204	ng	#	83
63) Azobenzene	15.821	77	932138	46.650	ng		85
65) 4,6-Dinitro-2-methylph...	15.633	198	217843	44.123	ng	#	73
66) n-Nitrosodiphenylamine	15.745	169	1143367	55.130	ng		98
67) 4-Bromophenyl-phenylether	16.421	248	458901	51.513	ng	#	85
68) Hexachlorobenzene	16.545	284	525176	52.704	ng	#	83
69) Atrazine	16.704	200	397297	52.057	ng		96
70) Pentachlorophenol	16.892	266	575615	105.687	ng		98
71) Phenanthrene	17.274	178	1996919	53.682	ng		99
72) Anthracene	17.362	178	2017806	54.447	ng		99
73) Carbazole	17.639	167	1761888	50.483	ng		97
74) Di-n-butylphthalate	18.203	149	2031599	46.877	ng	#	98
75) Fluoranthene	19.292	202	2305514	51.342	ng		98
77) Benzidine	19.474	184	1492077	102.739	ng		100
78) Pyrene	19.650	202	2386894	51.019	ng		100
80) Butylbenzylphthalate	20.550	149	890521	44.812	ng	#	85
81) Benzo(a)anthracene	21.403	228	2511542	53.023	ng		99
82) 3,3'-Dichlorobenzidine	21.333	252	709999	57.000	ng	#	98
83) Chrysene	21.456	228	2341137	51.764	ng		100
84) Bis(2-ethylhexyl)phtha...	21.333	149	1337626	44.688	ng	#	94
85) Di-n-octyl phthalate	22.239	149	2418913	46.235	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.221	276	3494585	58.859	ng		95
88) Benzo(b)fluoranthene	23.062	252	2893320	56.127	ng		98
89) Benzo(k)fluoranthene	23.109	252	2625808	49.777	ng		98
90) Benzo(a)pyrene	23.674	252	2774572	63.216	ng	#	97
91) Dibenzo(a,h)anthracene	26.232	278	3018804	60.918	ng		97
92) Benzo(g,h,i)perylene	26.974	276	3081165	64.462	ng		95

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

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