Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
Data File : BM036156.D
Acq On : 08 Aug 2022 22:26
Operator : CG/JU
Sample : N3963-11MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-216MSD

Manual Integrations APPROVED

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

Quant Time: Aug 08 23:42:41 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 08 23:36:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	257620	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	1020179	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	569967	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1088763	20.000	ng		0.00
76) Chrysene-d12	21.409	240	1109972	20.000	ng		-0.01
86) Perylene-d12	23.768	264	1207399	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2012200	126.632	ng		0.00
7) Phenol-d6	7.057	99	2464545	121.893	ng		0.00
23) Nitrobenzene-d5	9.016	82	1492271	81.880	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	837365	125.233	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	3137732	81.282	ng		0.00
79) Terphenyl-d14	19.856	244	4394675	78.094	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	272467	42.553	ng	#	92
3) Pyridine	3.687	79	739344	43.060	ng	#	89
4) n-Nitrosodimethylamine	3.599	42	337735	47.867	ng	#	63
6) Aniline	7.181	93	895630	40.001	ng		95
8) 2-Chlorophenol	7.422	128	838881	49.515	ng		95
9) Benzaldehyde	6.987	77	534415	49.926	ng		92
10) Phenol	7.081	94	1006632	49.445	ng		92
11) bis(2-Chloroethyl)ether	7.275	93	799368	47.665	ng		95
12) 1,3-Dichlorobenzene	7.728	146	931269	49.604	ng		98
13) 1,4-Dichlorobenzene	7.881	146	945801	49.400	ng		98
14) 1,2-Dichlorobenzene	8.198	146	899491	48.691	ng		98
15) Benzyl Alcohol	8.104	79	667932m	49.228	ng		
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1051934	47.172	ng		96
17) 2-Methylphenol	8.322	107	658395	48.855	ng		95
18) Hexachloroethane	8.922	117	348490	50.563	ng		95
19) n-Nitroso-di-n-propyla...	8.663	70	561457	45.716	ng		88
20) 3+4-Methylphenols	8.657	107	872991	47.680	ng		93
22) Acetophenone	8.681	105	1191042	49.319	ng	#	92
24) Nitrobenzene	9.057	77	869121	50.727	ng		97
25) Isophorone	9.587	82	1548149	52.217	ng		98
26) 2-Nitrophenol	9.769	139	432286	53.494	ng		92
27) 2,4-Dimethylphenol	9.851	122	722274	57.697	ng		97
28) bis(2-Chloroethoxy)met...	10.069	93	978355	46.317	ng		99
29) 2,4-Dichlorophenol	10.316	162	711222	50.521	ng		99
30) 1,2,4-Trichlorobenzene	10.510	180	754180	47.274	ng		98
31) Naphthalene	10.698	128	2476055	48.817	ng		99
32) Benzoic acid	10.022	122	538430	54.260	ng		95
33) 4-Chloroaniline	10.828	127	546084	26.715	ng		95
34) Hexachlorobutadiene	10.975	225	456265	48.671	ng		98
35) Caprolactam	11.628	113	210030	48.436	ng		93
36) 4-Chloro-3-methylphenol	11.975	107	718782	48.576	ng		100
37) 2-Methylnaphthalene	12.310	142	1629897	48.290	ng		97
38) 1-Methylnaphthalene	12.533	142	1562953	47.286	ng		97
40) 1,2,4,5-Tetrachloroben...	12.680	216	779509	50.446	ng		99
41) Hexachlorocyclopentadiene	12.651	237	754103	92.143	ng		99
43) 2,4,6-Trichlorophenol	12.933	196	527311	50.150	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.016	196	562595	50.686	ng	97
46)	1,1'-Biphenyl	13.327	154	2065850	49.734	ng	99
47)	2-Chloronaphthalene	13.369	162	1566269	49.267	ng	99
48)	2-Nitroaniline	13.586	65	450412	51.988	ng	91
49)	Acenaphthylene	14.210	152	2474153	50.346	ng	100
50)	Dimethylphthalate	13.957	163	1821600	46.997	ng	99
51)	2,6-Dinitrotoluene	14.080	165	398784	51.279	ng	90
52)	Acenaphthene	14.551	154	1718686m	53.464	ng	
53)	3-Nitroaniline	14.416	138	344585	37.978	ng	95
54)	2,4-Dinitrophenol	14.616	184	415341	100.926	ng	91
55)	Dibenzofuran	14.886	168	2286971	47.507	ng	98
56)	4-Nitrophenol	14.757	139	792422	109.136	ng	87
57)	2,4-Dinitrotoluene	14.863	165	542702	53.241	ng	99
58)	Fluorene	15.533	166	1822854	48.004	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.121	232	453034	48.183	ng	98
60)	Diethylphthalate	15.316	149	1829566	45.932	ng	99
61)	4-Chlorophenyl-phenyle...	15.533	204	866589	45.767	ng	96
62)	4-Nitroaniline	15.574	138	461547m	49.447	ng	
63)	Azobenzene	15.821	77	1747673	46.154	ng	94
65)	4,6-Dinitro-2-methylph...	15.621	198	254702	45.752	ng	95
66)	n-Nitrosodiphenylamine	15.751	169	1513761	49.251	ng	98
67)	4-Bromophenyl-phenylether	16.421	248	526433	48.339	ng	96
68)	Hexachlorobenzene	16.533	284	622079	49.784	ng	90
69)	Atrazine	16.704	200	519843	60.446	ng	99
70)	Pentachlorophenol	16.886	266	777954	106.304	ng	99
71)	Phenanthrene	17.274	178	2822372	50.882	ng	99
72)	Anthracene	17.363	178	2785969	51.879	ng	99
73)	Carbazole	17.645	167	2657175	48.835	ng	100
74)	Di-n-butylphthalate	18.204	149	3154569	48.567	ng	99
75)	Fluoranthene	19.286	202	3468990	55.870	ng	99
77)	Benzidine	19.486	184	1752190	105.260	ng	99
78)	Pyrene	19.651	202	3579426	52.005	ng	98
80)	Butylbenzylphthalate	20.551	149	1503419	50.608	ng	98
81)	Benzo(a)anthracene	21.398	228	3545937	51.866	ng	100
82)	3,3'-Dichlorobenzidine	21.333	252	1239869	74.687	ng	99
83)	Chrysene	21.450	228	3332887	51.284	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.327	149	2205921	49.220	ng	99
85)	Di-n-octyl phthalate	22.233	149	3740142	51.135	ng	95
87)	Indeno(1,2,3-cd)pyrene	26.221	276	4287302	50.528	ng	99
88)	Benzo(b)fluoranthene	23.050	252	3926950	55.512	ng	98
89)	Benzo(k)fluoranthene	23.097	252	3607580	50.492	ng	99
90)	Benzo(a)pyrene	23.662	252	3420861	57.636	ng	99
91)	Dibenzo(a,h)anthracene	26.238	278	3616623	50.921	ng	99
92)	Benzo(g,h,i)perylene	26.974	276	3705331	53.890	ng	98

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

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