Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011323\
Data File : BM038446.D
Acq On : 12 Jan 2023 20:25
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

Quant Time: Jan 13 00:26:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 13 00:18:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	132224	20.000	ng		0.00
21) Naphthalene-d8	10.810	136	498808	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	335727	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	766069	20.000	ng		0.00
76) Chrysene-d12	21.544	240	782099	20.000	ng		0.00
86) Perylene-d12	23.968	264	675655	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	1280455	160.538	ng		0.00
7) Phenol-d6	7.169	99	1742844	166.369	ng		0.00
23) Nitrobenzene-d5	9.181	82	2015191	176.932	ng		0.01
42) 2,4,6-Tribromophenol	16.121	330	962000	188.092	ng		0.00
45) 2-Fluorobiphenyl	13.263	172	4881457	182.965	ng		0.00
79) Terphenyl-d14	19.986	244	6669928	161.205	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.816	79	795753	77.902	ng		96
6) Aniline	7.334	93	1052460	78.758	ng		93
8) 2-Chlorophenol	7.563	128	690288	82.752	ng		88
10) Phenol	7.198	94	875923	80.528	ng		95
11) bis(2-Chloroethyl)ether	7.428	93	691847	77.495	ng		95
12) 1,3-Dichlorobenzene	7.881	146	740656	80.423	ng		96
13) 1,4-Dichlorobenzene	8.028	146	753726	81.119	ng		97
14) 1,2-Dichlorobenzene	8.351	146	772782	84.979	ng		97
15) Benzyl Alcohol	8.251	79	741244	94.397	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.534	45	1010689	80.813	ng		97
17) 2-Methylphenol	8.445	107	657529	85.911	ng		96
18) Hexachloroethane	9.075	117	314780	87.605	ng		91
19) n-Nitroso-di-n-propyla...	8.822	70	701556	92.543	ng	#	91
20) 3+4-Methylphenols	8.786	107	904789	88.437	ng		97
22) Acetophenone	8.834	105	1262805	89.514	ng	#	92
24) Nitrobenzene	9.222	77	1032357	87.282	ng		94
25) Isophorone	9.751	82	1792735	87.554	ng		96
26) 2-Nitrophenol	9.928	139	409269	88.714	ng		88
27) 2,4-Dimethylphenol	9.986	122	676071	87.857	ng		94
28) bis(2-Chloroethoxy)met...	10.222	93	1028834	86.210	ng		97
29) 2,4-Dichlorophenol	10.463	162	773144	92.015	ng		95
30) 1,2,4-Trichlorobenzene	10.669	180	866438	89.658	ng		99
31) Naphthalene	10.863	128	2340412	88.304	ng		100
32) Benzoic acid	10.210	122	555276	95.819	ng		90
33) 4-Chloroaniline	10.980	127	1035600	91.731	ng		94
34) Hexachlorobutadiene	11.133	225	598795	95.407	ng		99
35) Caprolactam	11.827	113	207645m	84.775	ng		
36) 4-Chloro-3-methylphenol	12.104	107	804643	90.737	ng		91
37) 2-Methylnaphthalene	12.463	142	1845974	97.109	ng		96
38) 1-Methylnaphthalene	12.680	142	1730294	96.662	ng		97
40) 1,2,4,5-Tetrachloroben...	12.827	216	1134074	91.453	ng		99
43) 2,4,6-Trichlorophenol	13.069	196	743145	91.599	ng		98
44) 2,4,5-Trichlorophenol	13.145	196	871122	92.166	ng		95
46) 1,1'-Biphenyl	13.469	154	2432733	91.793	ng		98
47) 2-Chloronaphthalene	13.516	162	1843789	88.138	ng		99
48) 2-Nitroaniline	13.727	65	622322	88.554	ng	#	86

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	14.357	152	3006986	91.067	ng		99
50) Dimethylphthalate	14.104	163	2389546	89.418	ng		99
51) 2,6-Dinitrotoluene	14.221	165	497922	88.396	ng		86
52) Acenaphthene	14.698	154	1817459	91.283	ng		98
53) 3-Nitroaniline	14.557	138	505730	87.822	ng		87
54) 2,4-Dinitrophenol	14.763	184	359781	92.319	ng	#	86
55) Dibenzofuran	15.027	168	2989386	90.192	ng		98
56) 4-Nitrophenol	14.863	139	395471	85.366	ng	#	85
57) 2,4-Dinitrotoluene	15.010	165	730457	95.272	ng	#	82
58) Fluorene	15.674	166	2499287	91.594	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.257	232	726450	90.821	ng		96
60) Diethylphthalate	15.451	149	2462845	92.565	ng		99
61) 4-Chlorophenyl-phenyle...	15.668	204	1307495	91.029	ng		97
62) 4-Nitroaniline	15.721	138	514218m	87.197	ng		
63) Azobenzene	15.962	77	2404656	86.884	ng		92
65) 4,6-Dinitro-2-methylph...	15.768	198	477545	91.821	ng		89
66) n-Nitrosodiphenylamine	15.886	169	2104445	91.126	ng		99
67) 4-Bromophenyl-phenylether	16.557	248	815217	94.593	ng		98
68) Hexachlorobenzene	16.674	284	876937	91.847	ng		96
69) Atrazine	16.839	200	718224	90.514	ng		98
70) Pentachlorophenol	17.021	266	686405	98.873	ng		99
71) Phenanthrene	17.415	178	3821718	89.392	ng		99
72) Anthracene	17.509	178	3969177	90.786	ng		99
73) Carbazole	17.780	167	3425196	89.076	ng		100
74) Di-n-butylphthalate	18.327	149	4387113	99.911	ng		99
75) Fluoranthene	19.427	202	4700504	88.922	ng		99
77) Benzidine	19.609	184	1301856	58.288	ng		99
78) Pyrene	19.786	202	4985728	90.807	ng		99
80) Butylbenzylphthalate	20.668	149	2022896	100.826	ng		89
81) Benzo(a)anthracene	21.527	228	4572132	81.049	ng		99
82) 3,3'-Dichlorobenzidine	21.462	252	1504707	79.918	ng		99
83) Chrysene	21.586	228	4271441	77.416	ng		99
84) Bis(2-ethylhexyl)phtha...	21.439	149	2900486	103.449	ng	#	95
85) Di-n-octyl phthalate	22.368	149	4644665	93.030	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.526	276	3664999	74.078	ng		99
88) Benzo(b)fluoranthene	23.233	252	3924237	93.366	ng		99
89) Benzo(k)fluoranthene	23.286	252	4015101	92.057	ng		99
90) Benzo(a)pyrene	23.874	252	3667546	88.862	ng		99
91) Dibenzo(a,h)anthracene	26.538	278	3144736	77.002	ng		99
92) Benzo(g,h,i)perylene	27.315	276	2874165	69.448	ng		99

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

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