Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011623\
Data File : BM038456.D
Acq On : 16 Jan 2023 16:52
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

Quant Time: Jan 17 02:17:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 02:09:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	62321	20.000	ng		0.00
21) Naphthalene-d8	10.798	136	233142	20.000	ng		0.00
39) Acenaphthene-d10	14.616	164	154477	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	367489	20.000	ng		0.00
76) Chrysene-d12	21.533	240	407401	20.000	ng		0.00
86) Perylene-d12	23.950	264	433068	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	464071	115.302	ng		0.00
7) Phenol-d6	7.151	99	611434	110.665	ng		0.00
23) Nitrobenzene-d5	9.163	82	708952	115.978	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	349602	139.416	ng		0.00
45) 2-Fluorobiphenyl	13.245	172	1616864	123.188	ng		0.00
79) Terphenyl-d14	19.974	244	2826802	124.150	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	102798	54.579	ng		96
3) Pyridine	3.805	79	309233m	54.864	ng		
4) n-Nitrosodimethylamine	3.716	42	176723	48.330	ng		97
6) Aniline	7.316	93	387087	55.402	ng		99
8) 2-Chlorophenol	7.545	128	241758	58.342	ng		98
9) Benzaldehyde	7.122	77	174821m	43.840	ng		
10) Phenol	7.175	94	315723	54.957	ng		98
11) bis(2-Chloroethyl)ether	7.410	93	252553	54.242	ng		100
12) 1,3-Dichlorobenzene	7.869	146	261667	59.822	ng		99
13) 1,4-Dichlorobenzene	8.022	146	262981	59.182	ng		99
14) 1,2-Dichlorobenzene	8.339	146	259436	59.239	ng		98
15) Benzyl Alcohol	8.234	79	265587	55.773	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	363199	49.745	ng		98
17) 2-Methylphenol	8.434	107	228346	57.405	ng		98
18) Hexachloroethane	9.063	117	111311	59.196	ng		98
19) n-Nitroso-di-n-propyla...	8.798	70	240649	53.622	ng		96
20) 3+4-Methylphenols	8.763	107	307566	56.956	ng		99
22) Acetophenone	8.816	105	416288	57.786	ng	#	99
24) Nitrobenzene	9.204	77	364655	57.059	ng		98
25) Isophorone	9.728	82	659214	59.438	ng		99
26) 2-Nitrophenol	9.910	139	144240	65.537	ng		96
27) 2,4-Dimethylphenol	9.969	122	235344	62.807	ng		100
28) bis(2-Chloroethoxy)met...	10.210	93	363183	59.020	ng		96
29) 2,4-Dichlorophenol	10.445	162	256364	62.744	ng		99
30) 1,2,4-Trichlorobenzene	10.657	180	287384	62.779	ng		99
31) Naphthalene	10.845	128	763786	59.872	ng		99
32) Benzoic acid	10.134	122	188662	64.300	ng		97
33) 4-Chloroaniline	10.963	127	345357	61.659	ng		97
34) Hexachlorobutadiene	11.122	225	197670	63.811	ng		98
35) Caprolactam	11.775	113	74341	62.914	ng		95
36) 4-Chloro-3-methylphenol	12.080	107	276803	60.085	ng		97
37) 2-Methylnaphthalene	12.451	142	574134	60.183	ng		99
38) 1-Methylnaphthalene	12.669	142	536389	59.854	ng		99
40) 1,2,4,5-Tetrachloroben...	12.816	216	367486	64.140	ng		99
41) Hexachlorocyclopentadiene	12.786	237	222293	68.502	ng		99
43) 2,4,6-Trichlorophenol	13.057	196	240189	63.505	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	280468	62.768	ng	98
46) 1,1'-Biphenyl	13.457	154	759035	59.990	ng	98
47) 2-Chloronaphthalene	13.498	162	597542	61.319	ng	99
48) 2-Nitroaniline	13.710	65	226329	59.748	ng	99
49) Acenaphthylene	14.345	152	948580	61.621	ng	99
50) Dimethylphthalate	14.080	163	790228	61.142	ng	99
51) 2,6-Dinitrotoluene	14.204	165	164807	62.533	ng	98
52) Acenaphthene	14.680	154	573530	60.842	ng	97
53) 3-Nitroaniline	14.539	138	172273	64.838	ng	92
54) 2,4-Dinitrophenol	14.745	184	120568	64.315	ng	92
55) Dibenzofuran	15.016	168	969679	60.968	ng	98
56) 4-Nitrophenol	14.839	139	140580	67.455	ng	96
57) 2,4-Dinitrotoluene	14.992	165	237303	63.630	ng	93
58) Fluorene	15.663	166	843439	61.730	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.239	232	247286	64.744	ng	99
60) Diethylphthalate	15.433	149	805012	59.060	ng	100
61) 4-Chlorophenyl-phenyle...	15.651	204	459403	63.083	ng	98
62) 4-Nitroaniline	15.698	138	177572	62.840	ng	100
63) Azobenzene	15.945	77	878922	55.865	ng	98
65) 4,6-Dinitro-2-methylph...	15.751	198	162541	64.211	ng	99
66) n-Nitrosodiphenylamine	15.874	169	693990	60.773	ng	97
67) 4-Bromophenyl-phenylether	16.545	248	278177	64.293	ng	97
68) Hexachlorobenzene	16.662	284	305282	65.865	ng	98
69) Atrazine	16.821	200	245268	60.857	ng	99
70) Pentachlorophenol	17.010	266	234013	65.075	ng	99
71) Phenanthrene	17.404	178	1303548	61.663	ng	100
72) Anthracene	17.492	178	1353958	62.044	ng	99
73) Carbazole	17.768	167	1171472	61.901	ng	100
74) Di-n-butylphthalate	18.315	149	1405295	57.994	ng	100
75) Fluoranthene	19.409	202	1645177	62.428	ng	99
77) Benzidine	19.598	184	553526	62.857	ng	100
78) Pyrene	19.774	202	1756939	60.707	ng	100
80) Butylbenzylphthalate	20.662	149	640845	55.903	ng	99
81) Benzo(a)anthracene	21.515	228	1867243	62.925	ng	99
82) 3,3'-Dichlorobenzidine	21.450	252	592702	62.632	ng	100
83) Chrysene	21.574	228	1787963	63.270	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	934201	54.312	ng	98
85) Di-n-octyl phthalate	22.356	149	1589116	55.641	ng	99
87) Indeno(1,2,3-cd)pyrene	26.491	276	2049533	71.465	ng	100
88) Benzo(b)fluoranthene	23.215	252	1749099	61.693	ng	99
89) Benzo(k)fluoranthene	23.262	252	1807532	61.580	ng	100
90) Benzo(a)pyrene	23.850	252	1723410	63.741	ng	99
91) Dibenzo(a,h)anthracene	26.503	278	1739650	71.676	ng	99
92) Benzo(g,h,i)perylene	27.268	276	1668901	73.692	ng	99

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

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