Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011623\
Data File : BM038457.D
Acq On : 16 Jan 2023 17:29
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 17 02:18:31 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

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	71816	20.000	ng		0.00
21) Naphthalene-d8	10.798	136	263907	20.000	ng		0.00
39) Acenaphthene-d10	14.616	164	180043	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	424258	20.000	ng		0.00
76) Chrysene-d12	21.533	240	475944	20.000	ng		0.00
86) Perylene-d12	23.956	264	502657	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	727302	156.813	ng		0.00
7) Phenol-d6	7.151	99	928172	145.781	ng		0.00
23) Nitrobenzene-d5	9.163	82	1070783	154.750	ng		0.00
42) 2,4,6-Tribromophenol	16.110	330	551629	188.745	ng		0.00
45) 2-Fluorobiphenyl	13.245	172	2543637	166.279	ng		0.00
79) Terphenyl-d14	19.974	244	4073687	153.146	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	149578	68.916	ng		97
3) Pyridine	3.805	79	468683m	72.159	ng		
4) n-Nitrosodimethylamine	3.716	42	261649	62.095	ng		98
6) Aniline	7.316	93	585650	72.740	ng		97
8) 2-Chlorophenol	7.545	128	363659	76.157	ng		97
10) Phenol	7.181	94	471631	71.241	ng		99
11) bis(2-Chloroethyl)ether	7.410	93	377908	70.434	ng		99
12) 1,3-Dichlorobenzene	7.869	146	386313	76.641	ng		98
13) 1,4-Dichlorobenzene	8.022	146	389842	76.133	ng		98
14) 1,2-Dichlorobenzene	8.340	146	388927	77.065	ng		99
15) Benzyl Alcohol	8.234	79	403794	73.585	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.522	45	535516	63.649	ng		98
17) 2-Methylphenol	8.434	107	344162	75.081	ng		97
18) Hexachloroethane	9.063	117	165054	76.172	ng		97
19) n-Nitroso-di-n-propyla...	8.804	70	367290	71.020	ng		95
20) 3+4-Methylphenols	8.769	107	470105	75.545	ng		98
22) Acetophenone	8.822	105	643083	78.861	ng	#	97
24) Nitrobenzene	9.204	77	543359	75.110	ng		99
25) Isophorone	9.734	82	950784	75.734	ng		98
26) 2-Nitrophenol	9.910	139	213320	85.625	ng		97
27) 2,4-Dimethylphenol	9.969	122	346041	81.584	ng		98
28) bis(2-Chloroethoxy)met...	10.210	93	527786	75.770	ng		97
29) 2,4-Dichlorophenol	10.445	162	391816	84.716	ng		98
30) 1,2,4-Trichlorobenzene	10.657	180	434467	83.845	ng		97
31) Naphthalene	10.851	128	1172134	81.171	ng		100
32) Benzoic acid	10.157	122	283180	85.262	ng		99
33) 4-Chloroaniline	10.969	127	534563	84.314	ng		97
34) Hexachlorobutadiene	11.122	225	300921	85.818	ng		97
35) Caprolactam	11.792	113	114419	85.544	ng		93
36) 4-Chloro-3-methylphenol	12.086	107	427541	81.986	ng		99
37) 2-Methylnaphthalene	12.451	142	894838	82.865	ng		99
38) 1-Methylnaphthalene	12.669	142	853598	84.147	ng		97
40) 1,2,4,5-Tetrachloroben...	12.816	216	574247	85.995	ng		99
41) Hexachlorocyclopentadiene	12.786	237	349167	92.320	ng		98
43) 2,4,6-Trichlorophenol	13.057	196	375517	85.187	ng		97
44) 2,4,5-Trichlorophenol	13.133	196	437138	83.939	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.457	154	1212347	82.211	ng	99
47) 2-Chloronaphthalene	13.504	162	939288	82.701	ng	98
48) 2-Nitroaniline	13.716	65	345296	78.210	ng	93
49) Acenaphthylene	14.345	152	1506975	83.994	ng	99
50) Dimethylphthalate	14.086	163	1232871	81.844	ng	99
51) 2,6-Dinitrotoluene	14.210	165	259194	84.381	ng	95
52) Acenaphthene	14.686	154	917761	83.534	ng	97
53) 3-Nitroaniline	14.539	138	267060	86.240	ng	95
54) 2,4-Dinitrophenol	14.745	184	192830	88.255	ng	93
55) Dibenzofuran	15.016	168	1550762	83.657	ng	97
56) 4-Nitrophenol	14.845	139	218059	89.774	ng	100
57) 2,4-Dinitrotoluene	14.992	165	373213	85.863	ng	96
58) Fluorene	15.663	166	1357153	85.224	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.245	232	388241	87.214	ng	98
60) Diethylphthalate	15.433	149	1269628	79.919	ng	98
61) 4-Chlorophenyl-phenyle...	15.657	204	718668	84.671	ng	98
62) 4-Nitroaniline	15.704	138	286349	86.944	ng	95
63) Azobenzene	15.951	77	1336401	72.881	ng	95
65) 4,6-Dinitro-2-methylph...	15.757	198	263480	90.158	ng	94
66) n-Nitrosodiphenylamine	15.874	169	1119628	84.927	ng	97
67) 4-Bromophenyl-phenylether	16.545	248	436124	87.311	ng	99
68) Hexachlorobenzene	16.663	284	480283	89.757	ng	99
69) Atrazine	16.821	200	378259	81.297	ng	99
70) Pentachlorophenol	17.010	266	365211	87.969	ng	97
71) Phenanthrene	17.404	178	2060389	84.423	ng	99
72) Anthracene	17.492	178	2135813	84.776	ng	100
73) Carbazole	17.768	167	1860372	85.150	ng	99
74) Di-n-butylphthalate	18.315	149	2242476	80.160	ng	99
75) Fluoranthene	19.415	202	2610932	85.817	ng	99
77) Benzidine	19.598	184	865530	84.132	ng	99
78) Pyrene	19.774	202	2759431	81.615	ng	100
80) Butylbenzylphthalate	20.662	149	1048560	78.296	ng	98
81) Benzo(a)anthracene	21.521	228	2842904	82.007	ng	99
82) 3,3'-Dichlorobenzidine	21.450	252	919190	83.144	ng	99
83) Chrysene	21.574	228	2710977	82.117	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1520869	75.685	ng	99
85) Di-n-octyl phthalate	22.356	149	2545642	76.296	ng	97
87) Indeno(1,2,3-cd)pyrene	26.497	276	3175369	95.394	ng	99
88) Benzo(b)fluoranthene	23.221	252	2729957	82.959	ng	99
89) Benzo(k)fluoranthene	23.268	252	2735877	80.304	ng	99
90) Benzo(a)pyrene	23.856	252	2644833	84.277	ng	99
91) Dibenzo(a,h)anthracene	26.509	278	2694933	95.663	ng	99
92) Benzo(g,h,i)perylene	27.279	276	2603448	99.043	ng	99

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

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