Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122722\
Data File : BM038321.D
Acq On : 27 Dec 2022 18:09
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 28 01:07:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 00:59:16 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.010	152	84069	20.000	ng		0.00
21) Naphthalene-d8	10.828	136	300449	20.000	ng		0.00
39) Acenaphthene-d10	14.645	164	188186	20.000	ng		0.00
64) Phenanthrene-d10	17.386	188	429475	20.000	ng		0.00
76) Chrysene-d12	21.562	240	459516	20.000	ng		0.00
86) Perylene-d12	23.997	264	490027	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	766143	172.100	ng		0.00
7) Phenol-d6	7.181	99	1046937	163.454	ng		0.00
23) Nitrobenzene-d5	9.192	82	1111064	192.173	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	505459	194.252	ng		0.00
45) 2-Fluorobiphenyl	13.274	172	2539933	187.577	ng		0.00
79) Terphenyl-d14	19.998	244	3871059	168.244	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	163844	89.055	ng		99
3) Pyridine	3.822	79	490038m	86.425	ng		
4) n-Nitrosodimethylamine	3.734	42	228222	88.101	ng		98
6) Aniline	7.340	93	653483	80.635	ng		98
8) 2-Chlorophenol	7.575	128	412156	68.651	ng		99
9) Benzaldehyde	7.151	77	320200m	90.983	ng		
10) Phenol	7.210	94	536795	73.580	ng		99
11) bis(2-Chloroethyl)ether	7.440	93	422591	71.547	ng		100
12) 1,3-Dichlorobenzene	7.898	146	446389	69.356	ng		99
13) 1,4-Dichlorobenzene	8.045	146	456979	68.698	ng		97
14) 1,2-Dichlorobenzene	8.369	146	447860	68.417	ng		100
15) Benzyl Alcohol	8.263	79	411169	83.123	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.545	45	574795	66.853	ng		97
17) 2-Methylphenol	8.463	107	383134	73.992	ng		98
18) Hexachloroethane	9.092	117	175733	70.521	ng		100
19) n-Nitroso-di-n-propyla...	8.834	70	381752	75.480	ng		98
20) 3+4-Methylphenols	8.798	107	521577	71.763	ng		97
22) Acetophenone	8.845	105	680018	87.517	ng	#	98
24) Nitrobenzene	9.234	77	562454	94.312	ng		97
25) Isophorone	9.757	82	988886	92.711	ng		100
26) 2-Nitrophenol	9.945	139	236834	85.138	ng		96
27) 2,4-Dimethylphenol	9.998	122	381419	95.449	ng		97
28) bis(2-Chloroethoxy)met...	10.239	93	565756	91.970	ng		100
29) 2,4-Dichlorophenol	10.475	162	422333	87.914	ng		99
30) 1,2,4-Trichlorobenzene	10.686	180	469963	90.043	ng		99
31) Naphthalene	10.881	128	1288412	75.691	ng		99
32) Benzoic acid	10.175	122	313962	87.545	ng		99
33) 4-Chloroaniline	10.998	127	573925	83.475	ng		99
34) Hexachlorobutadiene	11.151	225	306227	100.715	ng		99
35) Caprolactam	11.810	113	126289	75.002	ng		92
36) 4-Chloro-3-methylphenol	12.116	107	444363	85.190	ng		98
37) 2-Methylnaphthalene	12.480	142	952363	79.502	ng		99
38) 1-Methylnaphthalene	12.698	142	892172	74.925	ng		99
40) 1,2,4,5-Tetrachloroben...	12.845	216	574294	105.031	ng		100
41) Hexachlorocyclopentadiene	12.816	237	337711	144.271	ng		99
43) 2,4,6-Trichlorophenol	13.086	196	385915	97.339	ng		96

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44) 2,4,5-Trichlorophenol	13.163	196	444963	101.364	ng	96
46) 1,1'-Biphenyl	13.486	154	1237115	84.893	ng	99
47) 2-Chloronaphthalene	13.527	162	975053	83.199	ng	99
48) 2-Nitroaniline	13.739	65	338993	93.920	ng	97
49) Acenaphthylene	14.369	152	1547741	82.454	ng	99
50) Dimethylphthalate	14.110	163	1228579	81.567	ng	99
51) 2,6-Dinitrotoluene	14.233	165	269828	83.373	ng	96
52) Acenaphthene	14.710	154	928679	81.051	ng	100
53) 3-Nitroaniline	14.563	138	284496	81.962	ng	96
54) 2,4-Dinitrophenol	14.769	184	195691	103.656	ng	97
55) Dibenzofuran	15.045	168	1522883	83.117	ng	98
56) 4-Nitrophenol	14.868	139	230581	82.821	ng	96
57) 2,4-Dinitrotoluene	15.016	165	378300	84.434	ng	98
58) Fluorene	15.692	166	1308551	84.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.268	232	382179	95.438	ng	98
60) Diethylphthalate	15.457	149	1207067	78.594	ng	99
61) 4-Chlorophenyl-phenyle...	15.680	204	665705	91.690	ng	98
62) 4-Nitroaniline	15.727	138	295861	92.037	ng	97
63) Azobenzene	15.974	77	1245650	86.669	ng	98
65) 4,6-Dinitro-2-methylph...	15.774	198	261515	90.311	ng	98
66) n-Nitrosodiphenylamine	15.898	169	1088589	79.010	ng	98
67) 4-Bromophenyl-phenylether	16.574	248	406107	84.483	ng	99
68) Hexachlorobenzene	16.692	284	450029	75.036	ng	94
69) Atrazine	16.845	200	375835	98.021	ng	98
70) Pentachlorophenol	17.033	266	348666	98.745	ng	97
71) Phenanthrene	17.427	178	1991491	75.538	ng	100
72) Anthracene	17.521	178	2065479	81.699	ng	99
73) Carbazole	17.792	167	1824864	77.202	ng	99
74) Di-n-butylphthalate	18.339	149	2047408	65.081	ng	100
75) Fluoranthene	19.439	202	2520656	80.212	ng	100
77) Benzidine	19.621	184	1157395	180.042	ng	99
78) Pyrene	19.803	202	2645662	87.792	ng	99
80) Butylbenzylphthalate	20.686	149	969594	74.841	ng	96
81) Benzo(a)anthracene	21.545	228	2707579	84.057	ng	99
82) 3,3'-Dichlorobenzidine	21.474	252	905716	86.540	ng	99
83) Chrysene	21.597	228	2578357	82.911	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	1334941	69.941	ng	97
85) Di-n-octyl phthalate	22.386	149	2296114	70.099	ng	97
87) Indeno(1,2,3-cd)pyrene	26.562	276	3026232	74.774	ng	99
88) Benzo(b)fluoranthene	23.256	252	2583887	78.639	ng	98
89) Benzo(k)fluoranthene	23.303	252	2610077	78.321	ng	99
90) Benzo(a)pyrene	23.891	252	2537893	92.693	ng	98
91) Dibenzo(a,h)anthracene	26.574	278	2521353	75.210	ng	98
92) Benzo(g,h,i)perylene	27.350	276	2500818	77.096	ng	98

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

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