Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092722\
Data File : BM036783.D
Acq On : 27 Sep 2022 19:26
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 28 00:40:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 00:34:44 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	282221	20.000	ng		0.00
21) Naphthalene-d8	10.798	136	1101146	20.000	ng		0.00
39) Acenaphthene-d10	14.616	164	581964	20.000	ng		0.00
64) Phenanthrene-d10	17.351	188	1050673	20.000	ng		0.00
76) Chrysene-d12	21.521	240	965501	20.000	ng		0.00
86) Perylene-d12	23.938	264	931414	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	670920	38.542	ng		0.00
7) Phenol-d6	7.145	99	899015	40.588	ng		0.00
23) Nitrobenzene-d5	9.157	82	871566	44.306	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	175730	25.740	ng		0.00
45) 2-Fluorobiphenyl	13.251	172	1665451	42.253	ng		0.00
79) Terphenyl-d14	19.962	244	1784661	36.459	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	153133	21.831	ng		99
3) Pyridine	3.822	79	422936	22.485	ng		98
4) n-Nitrosodimethylamine	3.728	42	178931	23.149	ng	#	98
6) Aniline	7.316	93	550690	22.451	ng		99
8) 2-Chlorophenol	7.551	128	389430	20.982	ng		98
9) Benzaldehyde	7.128	77	300173m	25.598	ng		
10) Phenol	7.175	94	507881	22.772	ng		99
11) bis(2-Chloroethyl)ether	7.410	93	397354	21.628	ng		97
12) 1,3-Dichlorobenzene	7.881	146	432114	21.010	ng		99
13) 1,4-Dichlorobenzene	8.028	146	442672	21.106	ng		99
14) 1,2-Dichlorobenzene	8.345	146	426145	21.057	ng		99
15) Benzyl Alcohol	8.234	79	322292	21.683	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.522	45	511012	20.918	ng		98
17) 2-Methylphenol	8.434	107	330123	22.361	ng		99
18) Hexachloroethane	9.075	117	153120	20.280	ng		99
19) n-Nitroso-di-n-propyla...	8.804	70	291915	21.697	ng		99
20) 3+4-Methylphenols	8.763	107	440449	21.959	ng		99
22) Acetophenone	8.822	105	577394	22.151	ng	#	98
24) Nitrobenzene	9.198	77	456516	24.686	ng		99
25) Isophorone	9.728	82	691696	21.615	ng		100
26) 2-Nitrophenol	9.910	139	151082	17.321	ng		94
27) 2,4-Dimethylphenol	9.969	122	284570	21.061	ng		98
28) bis(2-Chloroethoxy)met...	10.210	93	437569	19.192	ng		100
29) 2,4-Dichlorophenol	10.445	162	303375	19.965	ng		99
30) 1,2,4-Trichlorobenzene	10.663	180	338844	19.678	ng		99
31) Naphthalene	10.851	128	1228713	22.444	ng		100
32) Benzoic acid	10.069	122	160664	15.000	ng		98
33) 4-Chloroaniline	10.963	127	467189	21.175	ng		100
34) Hexachlorobutadiene	11.139	225	185766	18.359	ng		96
35) Caprolactam	11.745	113	84555	18.066	ng		99
36) 4-Chloro-3-methylphenol	12.075	107	328634	20.576	ng		97
37) 2-Methylnaphthalene	12.457	142	765868	21.022	ng		99
38) 1-Methylnaphthalene	12.674	142	747368	20.948	ng		100
40) 1,2,4,5-Tetrachloroben...	12.816	216	323465	20.501	ng		100
41) Hexachlorocyclopentadiene	12.798	237	152642	18.267	ng		99
43) 2,4,6-Trichlorophenol	13.057	196	205399	19.132	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	227611	20.084	ng	98
46) 1,1'-Biphenyl	13.457	154	915322	21.582	ng	99
47) 2-Chloronaphthalene	13.498	162	720369	22.192	ng	99
48) 2-Nitroaniline	13.704	65	205032	23.178	ng	98
49) Acenaphthylene	14.339	152	1088038	21.684	ng	99
50) Dimethylphthalate	14.074	163	789553	19.950	ng	100
51) 2,6-Dinitrotoluene	14.192	165	155946	19.639	ng	98
52) Acenaphthene	14.680	154	683636	20.828	ng	100
53) 3-Nitroaniline	14.521	138	186093	20.087	ng	99
54) 2,4-Dinitrophenol	14.727	184	62092	14.777	ng	94
55) Dibenzofuran	15.015	168	1046641	21.294	ng	100
56) 4-Nitrophenol	14.821	139	145562	19.634	ng	99
57) 2,4-Dinitrotoluene	14.974	165	190101	18.265	ng	97
58) Fluorene	15.663	166	841956	21.715	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.239	232	182030	18.961	ng	99
60) Diethylphthalate	15.433	149	737784	18.141	ng	100
61) 4-Chlorophenyl-phenyle...	15.657	204	358470	18.541	ng	98
62) 4-Nitroaniline	15.680	138	193387	20.291	ng	98
63) Azobenzene	15.945	77	849438	21.970	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	85501	15.915	ng	97
66) n-Nitrosodiphenylamine	15.868	169	664584	22.407	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	189449	18.026	ng	97
68) Hexachlorobenzene	16.657	284	219940	18.239	ng	98
69) Atrazine	16.815	200	170547	20.550	ng	98
70) Pentachlorophenol	17.004	266	119281	16.890	ng	95
71) Phenanthrene	17.398	178	1238578	23.139	ng	100
72) Anthracene	17.486	178	1139505	21.989	ng	99
73) Carbazole	17.756	167	1108779	21.116	ng	100
74) Di-n-butylphthalate	18.321	149	1021957	16.304	ng	99
75) Fluoranthene	19.403	202	1239161	20.681	ng	100
77) Benzidine	19.586	184	321750	22.221	ng	99
78) Pyrene	19.762	202	1323874	22.112	ng	99
80) Butylbenzylphthalate	20.656	149	408725	15.817	ng	98
81) Benzo(a)anthracene	21.503	228	1249572	21.012	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	349890	24.230	ng	100
83) Chrysene	21.556	228	1226528	21.697	ng	99
84) Bis(2-ethylhexyl)phtha...	21.433	149	550684	14.126	ng	100
85) Di-n-octyl phthalate	22.362	149	854814	13.436	ng	99
87) Indeno(1,2,3-cd)pyrene	26.456	276	1381159	21.101	ng	99
88) Benzo(b)fluoranthene	23.203	252	1179277	21.610	ng	99
89) Benzo(k)fluoranthene	23.250	252	1174439	21.308	ng	99
90) Benzo(a)pyrene	23.833	252	956183	20.884	ng	100
91) Dibenzo(a,h)anthracene	26.479	278	1146915	20.933	ng	99
92) Benzo(g,h,i)perylene	27.232	276	1145501	21.596	ng	99

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

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