Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110824\
Data File : BP022938.D
Acq On : 08 Nov 2024 17:32
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel

Quant Time: Nov 08 17:56:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 23:36:11 2024
Response via : Initial Calibration

11/10/2024
Supervised By :mohammad ahmed

11/11/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.592	152	61000	20.000	ng		0.00
21) Naphthalene-d8	10.345	136	246397	20.000	ng		0.00
39) Acenaphthene-d10	14.222	164	221194	20.000	ng		0.00
64) Phenanthrene-d10	17.033	188	617551	20.000	ng		0.01
76) Chrysene-d12	21.468	240	748038	20.000	ng		0.00
86) Perylene-d12	24.703	264	894943	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	259841	80.839	ng		0.00
7) Phenol-d6	6.793	99	361004	80.535	ng		0.00
23) Nitrobenzene-d5	8.739	82	421790	80.874	ng		0.00
42) 2,4,6-Tribromophenol	15.739	330	375824	87.657	ng		0.00
45) 2-Fluorobiphenyl	12.822	172	1204540	77.810	ng		0.00
79) Terphenyl-d14	19.762	244	3099628	77.819	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	51948	40.480	ng		95
3) Pyridine	3.575	79	145797m	41.378	ng		
4) n-Nitrosodimethylamine	3.481	42	80015	47.107	ng		86
6) Aniline	6.940	93	151240	40.474	ng		98
8) 2-Chlorophenol	7.169	128	136867	40.622	ng		97
9) Benzaldehyde	6.757	77	105793	40.836	ng		95
10) Phenol	6.816	94	180078	40.565	ng		96
11) bis(2-Chloroethyl)ether	7.034	93	135092	40.278	ng		99
12) 1,3-Dichlorobenzene	7.481	146	175215	40.752	ng		96
13) 1,4-Dichlorobenzene	7.628	146	179460	40.872	ng		96
14) 1,2-Dichlorobenzene	7.940	146	170925	40.264	ng		96
15) Benzyl Alcohol	7.840	79	143876	42.377	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.110	45	147048	40.410	ng		99
17) 2-Methylphenol	8.040	107	125168	41.536	ng		93
18) Hexachloroethane	8.645	117	68682	42.284	ng		98
19) n-Nitroso-di-n-propyla...	8.387	70	131134	42.740	ng		99
20) 3+4-Methylphenols	8.363	107	178627	42.413	ng		98
22) Acetophenone	8.404	105	247034	37.666	ng	#	95
24) Nitrobenzene	8.781	77	215557	40.688	ng		96
25) Isophorone	9.298	82	349016	39.539	ng		98
26) 2-Nitrophenol	9.481	139	84943	39.045	ng		96
27) 2,4-Dimethylphenol	9.545	122	97439	39.224	ng		97
28) bis(2-Chloroethoxy)met...	9.769	93	194632	38.818	ng		98
29) 2,4-Dichlorophenol	10.010	162	174970	40.691	ng		97
30) 1,2,4-Trichlorobenzene	10.216	180	221944	40.374	ng		96
31) Naphthalene	10.392	128	488080	39.534	ng		98
32) Benzoic acid	9.728	122	120858	40.516	ng		94
33) 4-Chloroaniline	10.522	127	179021	40.739	ng		98
34) Hexachlorobutadiene	10.669	225	168329	41.748	ng		99
35) Caprolactam	11.316	113	52570	40.839	ng		94
36) 4-Chloro-3-methylphenol	11.651	107	198448	41.393	ng		98
37) 2-Methylnaphthalene	12.010	142	383315	41.455	ng		99
38) 1-Methylnaphthalene	12.228	142	378190	41.209	ng		96
40) 1,2,4,5-Tetrachloroben...	12.386	216	282252	37.692	ng		99
41) Hexachlorocyclopentadiene	12.357	237	87229	41.478	ng		99
43) 2,4,6-Trichlorophenol	12.639	196	185590	38.968	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.722	196	210777	38.877	ng		96
46)	1,1'-Biphenyl	13.039	154	563784	38.342	ng		97
47)	2-Chloronaphthalene	13.080	162	463582	37.990	ng		98
48)	2-Nitroaniline	13.298	65	148775	41.847	ng		95
49)	Acenaphthylene	13.933	152	678166	39.795	ng		98
50)	Dimethylphthalate	13.675	163	623943	38.527	ng		99
51)	2,6-Dinitrotoluene	13.810	165	146040	39.659	ng		95
52)	Acenaphthene	14.280	154	430053	39.244	ng		98
53)	3-Nitroaniline	14.145	138	120386	40.238	ng		99
54)	2,4-Dinitrophenol	14.357	184	95377	41.739	ng		91
55)	Dibenzofuran	14.622	168	771933	40.112	ng		100
56)	4-Nitrophenol	14.486	139	106844	43.420	ng		98
57)	2,4-Dinitrotoluene	14.604	165	223213	41.930	ng		90
58)	Fluorene	15.292	166	667087	41.723	ng		98
59)	2,3,4,6-Tetrachlorophenol	14.874	232	216451	41.396	ng		98
60)	Diethylphthalate	15.057	149	675122	41.914	ng		100
61)	4-Chlorophenyl-phenyle...	15.280	204	392045	41.604	ng		96
62)	4-Nitroaniline	15.327	138	146696	47.782	ng		93
63)	Azobenzene	15.586	77	599917	43.314	ng		98
65)	4,6-Dinitro-2-methylph...	15.392	198	148685	39.575	ng		98
66)	n-Nitrosodiphenylamine	15.504	169	566756	37.122	ng		99
67)	4-Bromophenyl-phenylether	16.192	248	286377	38.663	ng		97
68)	Hexachlorobenzene	16.321	284	365034	38.476	ng		97
69)	Atrazine	16.486	200	210892	40.980	ng		97
70)	Pentachlorophenol	16.686	266	240574	39.706	ng		98
71)	Phenanthrene	17.080	178	1187267	39.726	ng		99
72)	Anthracene	17.157	178	1141829	39.810	ng		99
73)	Carbazole	17.451	167	1091606	39.849	ng		100
74)	Di-n-butylphthalate	18.039	149	1256718	41.164	ng		99
75)	Fluoranthene	19.168	202	1634196	39.417	ng		99
77)	Benzidine	19.368	184	484527	32.783	ng		99
78)	Pyrene	19.545	202	1707645	38.566	ng		99
80)	Butylbenzylphthalate	20.498	149	604267	40.025	ng		94
81)	Benzo(a)anthracene	21.445	228	1805190	38.781	ng		99
82)	3,3'-Dichlorobenzidine	21.374	252	742386	39.397	ng		99
83)	Chrysene	21.509	228	1722813	39.512	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.380	149	898671	41.478	ng		100
85)	Di-n-octyl phthalate	22.603	149	1476159	40.770	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.386	276	2422733	40.137	ng	#	96
88)	Benzo(b)fluoranthene	23.686	252	2174747m	41.362	ng		
89)	Benzo(k)fluoranthene	23.750	252	2023845	40.764	ng		98
90)	Benzo(a)pyrene	24.550	252	1827383	40.619	ng		99
91)	Dibenzo(a,h)anthracene	28.433	278	1977425	39.948	ng		99
92)	Benzo(g,h,i)perylene	29.521	276	2022686	39.880	ng		99

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

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