Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060324\
Data File : BP020487.D
Acq On : 03 Jun 2024 11:11
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 03 13:08:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	306383	20.000	ng		0.00
21) Naphthalene-d8	10.528	136	1092654	20.000	ng		0.00
39) Acenaphthene-d10	14.387	164	606124	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1106680	20.000	ng		0.00
76) Chrysene-d12	21.651	240	1098240	20.000	ng		-0.02
86) Perylene-d12	25.010	264	1336882	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1486010	86.840	ng		0.00
7) Phenol-d6	6.928	99	1851747	76.733	ng		0.00
23) Nitrobenzene-d5	8.910	82	1686342	84.483	ng		-0.01
42) 2,4,6-Tribromophenol	15.904	330	481880	76.606	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	3573174	87.880	ng		0.00
79) Terphenyl-d14	19.939	244	4694021	71.152	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	311082	44.991	ng		97
3) Pyridine	3.717	79	795642	40.927	ng		98
4) n-Nitrosodimethylamine	3.634	42	379291	40.169	ng		98
6) Aniline	7.105	93	895420	36.618	ng		99
8) 2-Chlorophenol	7.334	128	767356	40.003	ng		99
9) Benzaldehyde	6.922	77	668264	43.170	ng		99
10) Phenol	6.958	94	950102	38.436	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	770190	37.781	ng		99
12) 1,3-Dichlorobenzene	7.652	146	931541	41.217	ng		99
13) 1,4-Dichlorobenzene	7.805	146	942047	41.011	ng		99
14) 1,2-Dichlorobenzene	8.110	146	888187	40.065	ng		99
15) Benzyl Alcohol	7.993	79	628378	35.252	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1057468m	34.745	ng		
17) 2-Methylphenol	8.193	107	613423	36.568	ng		98
18) Hexachloroethane	8.828	117	341999	40.773	ng		97
19) n-Nitroso-di-n-propyla...	8.563	70	536657	32.575	ng		99
20) 3+4-Methylphenols	8.510	107	811200	35.554	ng		97
22) Acetophenone	8.575	105	1101792	40.623	ng	#	100
24) Nitrobenzene	8.952	77	848633	41.892	ng		98
25) Isophorone	9.463	82	1416598	36.527	ng		100
26) 2-Nitrophenol	9.652	139	297959	38.036	ng		98
27) 2,4-Dimethylphenol	9.704	122	467511	39.902	ng		98
28) bis(2-Chloroethoxy)met...	9.957	93	925547	38.828	ng		100
29) 2,4-Dichlorophenol	10.169	162	649329	41.309	ng		97
30) 1,2,4-Trichlorobenzene	10.399	180	798897	42.811	ng		98
31) Naphthalene	10.581	128	2303256	41.234	ng		100
32) Benzoic acid	9.816	122	330268	32.286	ng		99
33) 4-Chloroaniline	10.687	127	812644	37.608	ng		99
34) Hexachlorobutadiene	10.857	225	519347	44.181	ng		98
35) Caprolactam	11.463	113	213455	37.056	ng		99
36) 4-Chloro-3-methylphenol	11.804	107	649059	35.267	ng		95
37) 2-Methylnaphthalene	12.193	142	1498763	37.445	ng		99
38) 1-Methylnaphthalene	12.416	142	1476672	37.217	ng		100
40) 1,2,4,5-Tetrachloroben...	12.557	216	807776	46.061	ng		99
41) Hexachlorocyclopentadiene	12.540	237	297232	48.225	ng		100
43) 2,4,6-Trichlorophenol	12.804	196	466485	44.005	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	523963	42.843	ng	99
46) 1,1'-Biphenyl	13.216	154	1829612	42.772	ng	99
47) 2-Chloronaphthalene	13.257	162	1451798	42.693	ng	99
48) 2-Nitroaniline	13.457	65	371294	40.294	ng	98
49) Acenaphthylene	14.104	152	2080453	41.231	ng	100
50) Dimethylphthalate	13.851	163	1632294	38.205	ng	99
51) 2,6-Dinitrotoluene	13.969	165	362888	39.737	ng	96
52) Acenaphthene	14.451	154	1314149m	41.288	ng	
53) 3-Nitroaniline	14.292	138	360054	39.306	ng	97
54) 2,4-Dinitrophenol	14.487	184	111249	35.416	ng	96
55) Dibenzofuran	14.798	168	2021931	40.101	ng	98
56) 4-Nitrophenol	14.587	139	276729	39.053	ng	97
57) 2,4-Dinitrotoluene	14.757	165	462537	38.540	ng	96
58) Fluorene	15.457	166	1570360	38.796	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	392370	39.204	ng	99
60) Diethylphthalate	15.234	149	1573266	36.224	ng	100
61) 4-Chlorophenyl-phenyle...	15.457	204	809606	38.760	ng	97
62) 4-Nitroaniline	15.469	138	353956	37.511	ng	99
63) Azobenzene	15.757	77	1530099	37.729	ng	98
65) 4,6-Dinitro-2-methylph...	15.528	198	160447	35.141	ng	99
66) n-Nitrosodiphenylamine	15.669	169	1323300	43.492	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	480591	42.448	ng	98
68) Hexachlorobenzene	16.481	284	572997	43.002	ng	98
69) Atrazine	16.651	200	424698	39.675	ng	99
70) Pentachlorophenol	16.828	266	330644	40.856	ng	97
71) Phenanthrene	17.245	178	2271594	41.756	ng	99
72) Anthracene	17.339	178	2269130	42.507	ng	100
73) Carbazole	17.616	167	2177303	42.167	ng	100
74) Di-n-butylphthalate	18.222	149	2499692	39.976	ng	100
75) Fluoranthene	19.327	202	2732076	42.451	ng	99
77) Benzidine	19.539	184	1117110	31.023	ng	99
78) Pyrene	19.704	202	2870958	34.754	ng	100
80) Butylbenzylphthalate	20.674	149	1060961	32.707	ng	94
81) Benzo(a)anthracene	21.633	228	2971291	41.089	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	1015325	47.233	ng	100
83) Chrysene	21.698	228	2832337	41.567	ng	99
84) Bis(2-ethylhexyl)phtha...	21.598	149	1782032	37.904	ng	100
85) Di-n-octyl phthalate	22.892	149	2953068	43.216	ng	99
87) Indeno(1,2,3-cd)pyrene	28.839	276	3888507m	47.832	ng	
88) Benzo(b)fluoranthene	23.945	252	3272880	39.297	ng	100
89) Benzo(k)fluoranthene	24.015	252	3212760	39.551	ng	100
90) Benzo(a)pyrene	24.851	252	2909845	42.187	ng	100
91) Dibenzo(a,h)anthracene	28.921	278	3209415	47.331	ng	99
92) Benzo(g,h,i)perylene	30.003	276	3261709	48.125	ng	99

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

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