Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020520.D
Acq On : 05 Jun 2024 16:41
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 05 17:10:01 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 06/06/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	368083	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	1345224	20.000	ng		0.01
39) Acenaphthene-d10	14.398	164	717234	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1305218	20.000	ng		0.00
76) Chrysene-d12	21.657	240	1321374	20.000	ng		-0.01
86) Perylene-d12	25.010	264	1641104	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1788592	87.002	ng		0.00
7) Phenol-d6	6.940	99	2314121	79.819	ng		0.00
23) Nitrobenzene-d5	8.922	82	2156562	87.755	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	664236	89.237	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	4423312	91.936	ng		0.00
79) Terphenyl-d14	19.939	244	5867357	73.919	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	351012	42.257	ng		96
3) Pyridine	3.722	79	930292	39.832	ng		96
4) n-Nitrosodimethylamine	3.640	42	448879	39.570	ng		92
6) Aniline	7.111	93	1104630	37.601	ng		98
8) 2-Chlorophenol	7.340	128	955636	41.467	ng		98
9) Benzaldehyde	6.928	77	818665	44.021	ng		97
10) Phenol	6.963	94	1179453	39.716	ng		97
11) bis(2-Chloroethyl)ether	7.205	93	956745	39.065	ng		99
12) 1,3-Dichlorobenzene	7.658	146	1139451	41.965	ng		99
13) 1,4-Dichlorobenzene	7.805	146	1149183	41.642	ng		100
14) 1,2-Dichlorobenzene	8.116	146	1090458	40.944	ng		98
15) Benzyl Alcohol	8.005	79	809376	37.794	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1263174m	34.547	ng		
17) 2-Methylphenol	8.205	107	775864	38.499	ng		99
18) Hexachloroethane	8.840	117	424036	42.080	ng		95
19) n-Nitroso-di-n-propyla...	8.569	70	672763	33.992	ng		100
20) 3+4-Methylphenols	8.528	107	1051533	38.362	ng		99
22) Acetophenone	8.587	105	1382092	41.391	ng	#	99
24) Nitrobenzene	8.957	77	1074460	43.081	ng		99
25) Isophorone	9.481	82	1804744	37.798	ng		99
26) 2-Nitrophenol	9.657	139	472115	47.864	ng		100
27) 2,4-Dimethylphenol	9.716	122	593713	41.159	ng		98
28) bis(2-Chloroethoxy)met...	9.957	93	1154400	39.336	ng		100
29) 2,4-Dichlorophenol	10.187	162	842801	43.551	ng		97
30) 1,2,4-Trichlorobenzene	10.399	180	1022780	44.518	ng		98
31) Naphthalene	10.593	128	2892400	42.059	ng		99
32) Benzoic acid	9.852	122	554344	41.528	ng		98
33) 4-Chloroaniline	10.693	127	1004882	37.774	ng		99
34) Hexachlorobutadiene	10.875	225	667905	46.151	ng		99
35) Caprolactam	11.487	113	260064	36.671	ng		97
36) 4-Chloro-3-methylphenol	11.816	107	832026	36.721	ng		97
37) 2-Methylnaphthalene	12.204	142	1886362	38.280	ng		99
38) 1-Methylnaphthalene	12.416	142	1812122	37.097	ng		100
40) 1,2,4,5-Tetrachloroben...	12.569	216	1020295	49.166	ng		100
41) Hexachlorocyclopentadiene	12.546	237	425716	58.372	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	620352	49.454	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	674127	46.583	ng	98
46) 1,1'-Biphenyl	13.222	154	2295699	45.354	ng	99
47) 2-Chloronaphthalene	13.263	162	1841456	45.762	ng	98
48) 2-Nitroaniline	13.463	65	474748	43.540	ng	98
49) Acenaphthylene	14.116	152	2544670	42.618	ng	100
50) Dimethylphthalate	13.857	163	1953566	38.641	ng	99
51) 2,6-Dinitrotoluene	13.969	165	458968	42.472	ng	96
52) Acenaphthene	14.457	154	1576165	41.848	ng	100
53) 3-Nitroaniline	14.298	138	438425	40.447	ng	98
54) 2,4-Dinitrophenol	14.504	184	186572	46.152	ng	97
55) Dibenzofuran	14.804	168	2443437	40.954	ng	98
56) 4-Nitrophenol	14.604	139	356389	42.503	ng	94
57) 2,4-Dinitrotoluene	14.769	165	578287	40.720	ng	100
58) Fluorene	15.469	166	1907430	39.824	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	516352	43.600	ng	98
60) Diethylphthalate	15.245	149	1912287	37.209	ng	100
61) 4-Chlorophenyl-phenyle...	15.463	204	1000921	40.496	ng	98
62) 4-Nitroaniline	15.487	138	440316	39.434	ng	99
63) Azobenzene	15.763	77	1779302	37.078	ng	96
65) 4,6-Dinitro-2-methylph...	15.540	198	262629	45.802	ng	99
66) n-Nitrosodiphenylamine	15.681	169	1583464	44.126	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	599981	44.932	ng	99
68) Hexachlorobenzene	16.481	284	701364	44.629	ng	98
69) Atrazine	16.669	200	507226	40.177	ng	99
70) Pentachlorophenol	16.834	266	450947	47.246	ng	99
71) Phenanthrene	17.245	178	2746127	42.801	ng	100
72) Anthracene	17.339	178	2689036	42.711	ng	100
73) Carbazole	17.622	167	2587343	42.486	ng	99
74) Di-n-butylphthalate	18.222	149	3228448	43.777	ng	99
75) Fluoranthene	19.339	202	3431919	45.213	ng	98
77) Benzidine	19.533	184	1361776	31.353	ng	99
78) Pyrene	19.710	202	3547437	35.692	ng	100
80) Butylbenzylphthalate	20.669	149	1535975	38.861	ng	93
81) Benzo(a)anthracene	21.633	228	3634989	41.779	ng	100
82) 3,3'-Dichlorobenzidine	21.557	252	1335251	51.627	ng	100
83) Chrysene	21.698	228	3483956	42.496	ng	100
84) Bis(2-ethylhexyl)phtha...	21.592	149	2401227	42.450	ng	99
85) Di-n-octyl phthalate	22.886	149	4168318	50.699	ng	97
87) Indeno(1,2,3-cd)pyrene	28.809	276	4884328m	48.944	ng	
88) Benzo(b)fluoranthene	23.951	252	4132425	40.420	ng	98
89) Benzo(k)fluoranthene	24.021	252	3960402	39.717	ng	99
90) Benzo(a)pyrene	24.851	252	3652734	43.140	ng	99
91) Dibenzo(a,h)anthracene	28.904	278	4033284	48.455	ng	98
92) Benzo(g,h,i)perylene	29.998	276	4090097	49.160	ng	98

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

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