Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020597.D
Acq On : 12 Jun 2024 11:27
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 12 12:29:46 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 06/14/2024
Supervised By :mohammad ahmed 06/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	205756	20.000	ng		-0.01
21) Naphthalene-d8	10.528	136	794563	20.000	ng		0.00
39) Acenaphthene-d10	14.375	164	528137	20.000	ng		-0.02
64) Phenanthrene-d10	17.186	188	1158954	20.000	ng		-0.02
76) Chrysene-d12	21.639	240	1143732	20.000	ng		-0.03
86) Perylene-d12	24.992	264	1386048	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1010422	87.925	ng		0.00
7) Phenol-d6	6.940	99	1290563	79.633	ng		0.00
23) Nitrobenzene-d5	8.904	82	1230003	84.739	ng		-0.02
42) 2,4,6-Tribromophenol	15.886	330	607667	110.867	ng		-0.02
45) 2-Fluorobiphenyl	12.986	172	2907565	82.069	ng		-0.02
79) Terphenyl-d14	19.915	244	5173473	75.301	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	206202	44.408	ng		94
3) Pyridine	3.722	79	525981	40.288	ng		93
4) n-Nitrosodimethylamine	3.628	42	229420	36.179	ng		91
6) Aniline	7.098	93	615772	37.497	ng		98
8) 2-Chlorophenol	7.334	128	537899	41.755	ng		96
9) Benzaldehyde	6.916	77	370522	35.642	ng		98
10) Phenol	6.963	94	647408	38.999	ng		99
11) bis(2-Chloroethyl)ether	7.193	93	516441	37.723	ng		99
12) 1,3-Dichlorobenzene	7.645	146	636340	41.926	ng		99
13) 1,4-Dichlorobenzene	7.798	146	645204	41.825	ng		97
14) 1,2-Dichlorobenzene	8.110	146	611178	41.052	ng		99
15) Benzyl Alcohol	7.998	79	443122	37.016	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	665696m	32.570	ng		
17) 2-Methylphenol	8.193	107	443634	39.381	ng		98
18) Hexachloroethane	8.822	117	236824	42.043	ng		95
19) n-Nitroso-di-n-propyla...	8.557	70	390173	35.266	ng		95
20) 3+4-Methylphenols	8.522	107	594701	38.813	ng		99
22) Acetophenone	8.569	105	789681	40.039	ng		98
24) Nitrobenzene	8.945	77	605238	41.085	ng		98
25) Isophorone	9.475	82	1092932	38.753	ng		98
26) 2-Nitrophenol	9.645	139	287391	49.213	ng		97
27) 2,4-Dimethylphenol	9.704	122	346488	40.667	ng		98
28) bis(2-Chloroethoxy)met...	9.939	93	670886	38.703	ng		100
29) 2,4-Dichlorophenol	10.181	162	513672	44.939	ng		97
30) 1,2,4-Trichlorobenzene	10.387	180	583534	43.002	ng		98
31) Naphthalene	10.581	128	1671130	41.141	ng		99
32) Benzoic acid	9.857	122	393134	48.487	ng		98
33) 4-Chloroaniline	10.681	127	623411	39.675	ng		99
34) Hexachlorobutadiene	10.851	225	379950	44.449	ng		98
35) Caprolactam	11.492	113	216210	51.615	ng	#	87
36) 4-Chloro-3-methylphenol	11.810	107	566129	42.302	ng		97
37) 2-Methylnaphthalene	12.181	142	1157188	39.758	ng		98
38) 1-Methylnaphthalene	12.410	142	1153306	39.972	ng		99
40) 1,2,4,5-Tetrachloroben...	12.545	216	651787	42.654	ng		99
41) Hexachlorocyclopentadiene	12.516	237	259126	48.251	ng		99
43) 2,4,6-Trichlorophenol	12.798	196	436127	47.216	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	487321	45.731	ng	97
46) 1,1'-Biphenyl	13.198	154	1501363	40.281	ng	99
47) 2-Chloronaphthalene	13.239	162	1235968	41.713	ng	98
48) 2-Nitroaniline	13.451	65	358729	44.679	ng	97
49) Acenaphthylene	14.092	152	1821152	41.421	ng	99
50) Dimethylphthalate	13.839	163	1550250	41.642	ng	100
51) 2,6-Dinitrotoluene	13.951	165	361888	45.479	ng	95
52) Acenaphthene	14.439	154	1136360	40.974	ng	99
53) 3-Nitroaniline	14.292	138	365470	45.788	ng	98
54) 2,4-Dinitrophenol	14.498	184	188846	58.711	ng	93
55) Dibenzofuran	14.780	168	1830110	41.657	ng	97
56) 4-Nitrophenol	14.610	139	304150	49.261	ng	94
57) 2,4-Dinitrotoluene	14.745	165	514756	49.224	ng	93
58) Fluorene	15.439	166	1466458	41.579	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.010	232	429146	49.211	ng	95
60) Diethylphthalate	15.222	149	1578575	41.713	ng	99
61) 4-Chlorophenyl-phenyle...	15.439	204	764539	42.008	ng	100
62) 4-Nitroaniline	15.469	138	389581	47.383	ng	97
63) Azobenzene	15.739	77	1367815	38.708	ng	95
65) 4,6-Dinitro-2-methylph...	15.522	198	280576	53.553	ng	94
66) n-Nitrosodiphenylamine	15.657	169	1292021	40.548	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	499767	42.150	ng	97
68) Hexachlorobenzene	16.463	284	594091	42.574	ng	97
69) Atrazine	16.633	200	453877	40.489	ng	99
70) Pentachlorophenol	16.821	266	420958	49.670	ng	99
71) Phenanthrene	17.227	178	2363972	41.494	ng	100
72) Anthracene	17.316	178	2350977	42.054	ng	99
73) Carbazole	17.598	167	2283170	42.223	ng	99
74) Di-n-butylphthalate	18.204	149	2877196	43.937	ng	99
75) Fluoranthene	19.315	202	3055840	45.340	ng	99
77) Benzidine	19.521	184	798403	23.163	ng	99
78) Pyrene	19.698	202	3183053	37.000	ng	100
80) Butylbenzylphthalate	20.657	149	1323944	38.709	ng	95
81) Benzo(a)anthracene	21.621	228	3101002	41.178	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1064687	47.559	ng	99
83) Chrysene	21.692	228	2937686	41.398	ng	100
84) Bis(2-ethylhexyl)phtha...	21.574	149	1925379	39.325	ng	98
85) Di-n-octyl phthalate	22.856	149	3395773	47.718	ng	97
87) Indeno(1,2,3-cd)pyrene	28.786	276	3886895m	46.116	ng	
88) Benzo(b)fluoranthene	23.939	252	3304541	38.270	ng	99
89) Benzo(k)fluoranthene	24.009	252	3151231	37.418	ng	99
90) Benzo(a)pyrene	24.833	252	2930501	40.979	ng	99
91) Dibenzo(a,h)anthracene	28.891	278	3241150	46.104	ng	99
92) Benzo(g,h,i)perylene	29.980	276	3247754	46.219	ng	97

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

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