Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022224\
Data File : BP019817.D
Acq On : 22 Feb 2024 10:46
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 22 12:07:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 19 23:35:42 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
02/23/2024
Supervised By :mohammad ahmed
02/23/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	62422	20.000	ng		0.00
21) Naphthalene-d8	10.693	136	235757	20.000	ng		0.00
39) Acenaphthene-d10	14.528	164	166113	20.000	ng		-0.01
64) Phenanthrene-d10	17.286	188	400001	20.000	ng		0.00
76) Chrysene-d12	21.380	240	412074	20.000	ng		-0.01
86) Perylene-d12	23.798	264	463960	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	292241	75.465	ng		-0.01
7) Phenol-d6	7.063	99	389657	74.625	ng		0.00
23) Nitrobenzene-d5	9.063	82	410445	75.439	ng		0.00
42) 2,4,6-Tribromophenol	16.028	330	246622	101.684	ng		0.00
45) 2-Fluorobiphenyl	13.157	172	997503	74.235	ng		0.00
79) Terphenyl-d14	19.857	244	2023333	80.749	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	52932	35.477	ng		99
3) Pyridine	3.781	79	149023	36.841	ng		96
4) n-Nitrosodimethylamine	3.699	42	67517	38.338	ng		97
6) Aniline	7.228	93	188597	37.172	ng		98
8) 2-Chlorophenol	7.457	128	152118	38.261	ng		98
9) Benzaldehyde	7.040	77	156553	42.764	ng		99
10) Phenol	7.093	94	192748	37.037	ng		98
11) bis(2-Chloroethyl)ether	7.328	93	151890	37.514	ng		98
12) 1,3-Dichlorobenzene	7.775	146	187256	38.491	ng		100
13) 1,4-Dichlorobenzene	7.928	146	190324	38.615	ng		98
14) 1,2-Dichlorobenzene	8.240	146	184684	38.727	ng		98
15) Benzyl Alcohol	8.140	79	153226	36.727	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.428	45	143932m	35.549	ng		
17) 2-Methylphenol	8.340	107	132456	37.805	ng		98
18) Hexachloroethane	8.957	117	72714	38.061	ng		97
19) n-Nitroso-di-n-propyla...	8.710	70	131282	36.809	ng		96
20) 3+4-Methylphenols	8.675	107	180714	37.793	ng		96
22) Acetophenone	8.728	105	252301	37.565	ng	#	98
24) Nitrobenzene	9.104	77	206337	37.666	ng		99
25) Isophorone	9.634	82	363775	38.391	ng		99
26) 2-Nitrophenol	9.810	139	87119	41.709	ng		99
27) 2,4-Dimethylphenol	9.875	122	100318	37.560	ng		98
28) bis(2-Chloroethoxy)met...	10.116	93	198013	36.935	ng		99
29) 2,4-Dichlorophenol	10.346	162	159602	39.531	ng		97
30) 1,2,4-Trichlorobenzene	10.551	180	197704	39.937	ng		99
31) Naphthalene	10.740	128	492930	38.122	ng		99
32) Benzoic acid	10.016	122	113427	43.588	ng		94
33) 4-Chloroaniline	10.863	127	183664	38.409	ng		99
34) Hexachlorobutadiene	11.010	225	151278	41.238	ng		97
35) Caprolactam	11.669	113	51631	45.173	ng		94
36) 4-Chloro-3-methylphenol	11.993	107	183412	41.662	ng		99
37) 2-Methylnaphthalene	12.351	142	352794	39.426	ng		99
38) 1-Methylnaphthalene	12.569	142	350952	39.910	ng		99
40) 1,2,4,5-Tetrachloroben...	12.716	216	241871	37.755	ng		99
41) Hexachlorocyclopentadiene	12.681	237	170900	59.052	ng		96
43) 2,4,6-Trichlorophenol	12.963	196	152140	39.219	ng		99

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44) 2,4,5-Trichlorophenol	13.040	196	171718	40.312	ng	97
46) 1,1'-Biphenyl	13.369	154	477933	36.049	ng	100
47) 2-Chloronaphthalene	13.410	162	396857	36.465	ng	98
48) 2-Nitroaniline	13.622	65	122109	40.125	ng	98
49) Acenaphthylene	14.251	152	578767	37.905	ng	100
50) Dimethylphthalate	13.998	163	511261	40.205	ng	98
51) 2,6-Dinitrotoluene	14.128	165	116867	41.830	ng	91
52) Acenaphthene	14.592	154	358693	37.850	ng	99
53) 3-Nitroaniline	14.451	138	107049	41.692	ng	95
54) 2,4-Dinitrophenol	14.669	184	69954	48.224	ng	96
55) Dibenzofuran	14.928	168	599015	38.810	ng	99
56) 4-Nitrophenol	14.775	139	83725	39.784	ng	90
57) 2,4-Dinitrotoluene	14.910	165	166452	45.463	ng	98
58) Fluorene	15.581	166	499796	40.656	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.157	232	160241	44.723	ng	94
60) Diethylphthalate	15.363	149	520300	41.135	ng	99
61) 4-Chlorophenyl-phenyle...	15.581	204	284923	41.236	ng	95
62) 4-Nitroaniline	15.616	138	118143	43.898	ng	97
63) Azobenzene	15.875	77	466822	38.166	ng	97
65) 4,6-Dinitro-2-methylph...	15.675	198	106211	46.567	ng	95
66) n-Nitrosodiphenylamine	15.798	169	432978	36.143	ng	100
67) 4-Bromophenyl-phenylether	16.481	248	193633	38.723	ng	92
68) Hexachlorobenzene	16.581	284	234629	40.180	ng	94
69) Atrazine	16.763	200	151606	38.138	ng	99
70) Pentachlorophenol	16.933	266	157643	43.350	ng	99
71) Phenanthrene	17.328	178	799536	37.981	ng	99
72) Anthracene	17.422	178	797070	37.957	ng	99
73) Carbazole	17.698	167	768346	40.276	ng	100
74) Di-n-butylphthalate	18.257	149	893218	38.724	ng	99
75) Fluoranthene	19.298	202	1082389	42.091	ng	99
77) Benzidine	19.492	184	248181	28.808	ng	99
78) Pyrene	19.651	202	1122912	38.611	ng	100
80) Butylbenzylphthalate	20.539	149	407404	37.512	ng	95
81) Benzo(a)anthracene	21.369	228	1102643	38.013	ng	99
82) 3,3'-Dichlorobenzidine	21.304	252	400360	37.877	ng	98
83) Chrysene	21.421	228	1056932	38.379	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	582697	35.234	ng	99
85) Di-n-octyl phthalate	22.239	149	981458	33.730	ng	100
87) Indeno(1,2,3-cd)pyrene	26.333	276	1282194	36.103	ng	98
88) Benzo(b)fluoranthene	23.063	252	1131292	38.688	ng	99
89) Benzo(k)fluoranthene	23.110	252	1095497	39.220	ng	97
90) Benzo(a)pyrene	23.692	252	1000941	38.471	ng	99
91) Dibenzo(a,h)anthracene	26.356	278	1074303	36.780	ng	98
92) Benzo(g,h,i)perylene	27.109	276	1074631	36.265	ng	98

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

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