Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
Data File : BP008446.D
Acq On : 16 Dec 2021 11:11
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 16 14:13:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 17:59:47 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.734	152	67345	20.000	ng		-0.01
21) Naphthalene-d8	10.528	136	273464	20.000	ng		-0.01
39) Acenaphthene-d10	14.392	164	188312	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	426723	20.000	ng		0.00
76) Chrysene-d12	21.268	240	501147	20.000	ng		# 0.00
86) Perylene-d12	23.639	264	540297	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	378582	88.777	ng		-0.01
7) Phenol-d6	6.934	99	524949	91.656	ng		0.00
23) Nitrobenzene-d5	8.904	82	559419	86.665	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	260152	94.006	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	1175649	79.362	ng		0.00
79) Terphenyl-d14	19.733	244	2236183	77.658	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	78814	49.761	ng		95
3) Pyridine	3.640	79	235752	45.861	ng		96
4) n-Nitrosodimethylamine	3.558	42	94096	46.382	ng	#	92
6) Aniline	7.069	93	308038	46.467	ng		93
8) 2-Chlorophenol	7.305	128	191026	43.951	ng		97
9) Benzaldehyde	6.881	77	150855	48.379	ng		95
10) Phenol	6.957	94	263984	45.389	ng		92
11) bis(2-Chloroethyl)ether	7.169	93	209664	43.210	ng		95
12) 1,3-Dichlorobenzene	7.622	146	212879	42.353	ng		98
13) 1,4-Dichlorobenzene	7.769	146	217686	42.557	ng		98
14) 1,2-Dichlorobenzene	8.087	146	210761	42.499	ng		98
15) Benzyl Alcohol	7.993	79	228132	49.518	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.275	45	334683	48.754	ng		99
17) 2-Methylphenol	8.204	107	176693	45.924	ng		95
18) Hexachloroethane	8.804	117	83742	44.130	ng		94
19) n-Nitroso-di-n-propyla...	8.551	70	191952	45.185	ng		97
20) 3+4-Methylphenols	8.534	107	245992	46.420	ng		95
22) Acetophenone	8.569	105	340619	42.354	ng	#	97
24) Nitrobenzene	8.946	77	268695	44.350	ng		99
25) Isophorone	9.475	82	489999	45.365	ng		97
26) 2-Nitrophenol	9.657	139	116753	43.607	ng	#	91
27) 2,4-Dimethylphenol	9.728	122	164570	42.863	ng		99
28) bis(2-Chloroethoxy)met...	9.951	93	292183	43.760	ng	#	98
29) 2,4-Dichlorophenol	10.204	162	202312	42.878	ng		99
30) 1,2,4-Trichlorobenzene	10.398	180	227595	40.690	ng		95
31) Naphthalene	10.581	128	586309	40.885	ng		99
32) Benzoic acid	9.963	122	140578	49.945	ng		94
33) 4-Chloroaniline	10.704	127	253666	44.156	ng		95
34) Hexachlorobutadiene	10.863	225	167418	40.947	ng		96
35) Caprolactam	11.540	113	46938	52.534	ng		95
36) 4-Chloro-3-methylphenol	11.857	107	241735	45.851	ng		96
37) 2-Methylnaphthalene	12.198	142	424371	42.936	ng		96
38) 1-Methylnaphthalene	12.422	142	413260	42.947	ng		99
40) 1,2,4,5-Tetrachloroben...	12.575	216	279719	38.880	ng		99
41) Hexachlorocyclopentadiene	12.545	237	48654	30.446	ng		99
43) 2,4,6-Trichlorophenol	12.828	196	187677	41.521	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	200209	42.469	ng		99
46) 1,1'-Biphenyl	13.222	154	580716	39.914	ng		98
47) 2-Chloronaphthalene	13.263	162	460633	39.695	ng		99
48) 2-Nitroaniline	13.487	65	184258	47.209	ng		98
49) Acenaphthylene	14.110	152	702341	41.171	ng		99
50) Dimethylphthalate	13.863	163	621863	43.616	ng		99
51) 2,6-Dinitrotoluene	13.986	165	132766	44.606	ng		98
52) Acenaphthene	14.457	154	419136	41.308	ng		99
53) 3-Nitroaniline	14.322	138	129700	46.255	ng	#	94
54) 2,4-Dinitrophenol	14.551	184	76956	49.530	ng		84
55) Dibenzofuran	14.792	168	730274	42.305	ng		98
56) 4-Nitrophenol	14.675	139	87179	53.559	ng	#	73
57) 2,4-Dinitrotoluene	14.786	165	188757	47.468	ng	#	80
58) Fluorene	15.445	166	579429	43.299	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.034	232	182906m	45.423	ng		
60) Diethylphthalate	15.228	149	633900	46.848	ng		100
61) 4-Chlorophenyl-phenyle...	15.439	204	331312	43.330	ng		99
62) 4-Nitroaniline	15.498	138	127882	50.649	ng	#	85
63) Azobenzene	15.739	77	641332	46.752	ng		95
65) 4,6-Dinitro-2-methylph...	15.563	198	128785	46.192	ng		95
66) n-Nitrosodiphenylamine	15.663	169	507486	37.773	ng		98
67) 4-Bromophenyl-phenylether	16.339	248	216191	38.897	ng		99
68) Hexachlorobenzene	16.463	284	239748	39.168	ng		96
69) Atrazine	16.628	200	139457	47.117	ng		98
70) Pentachlorophenol	16.822	266	130964	47.875	ng		99
71) Phenanthrene	17.198	178	937374	40.552	ng		99
72) Anthracene	17.292	178	936973	41.085	ng		100
73) Carbazole	17.575	167	902061	43.224	ng		100
74) Di-n-butylphthalate	18.122	149	1115255	46.578	ng		100
75) Fluoranthene	19.180	202	1214712	46.546	ng		98
77) Benzidine	19.374	184	203877	40.107	ng		97
78) Pyrene	19.533	202	1250932	34.888	ng		100
80) Butylbenzylphthalate	20.410	149	550539	42.173	ng		99
81) Benzo(a)anthracene	21.251	228	1390534	41.403	ng		100
82) 3,3'-Dichlorobenzidine	21.186	252	681320	44.090	ng		98
83) Chrysene	21.310	228	1327114	41.368	ng		100
84) Bis(2-ethylhexyl)phtha...	21.174	149	834302	45.391	ng	#	100
85) Di-n-octyl phthalate	22.086	149	1489307	46.980	ng		99
87) Indeno(1,2,3-cd)pyrene	26.121	276	1549805	36.440	ng	#	95
88) Benzo(b)fluoranthene	22.921	252	1421401	43.734	ng		98
89) Benzo(k)fluoranthene	22.968	252	1396309	42.602	ng	#	98
90) Benzo(a)pyrene	23.539	252	1184285	41.982	ng	#	97
91) Dibenzo(a,h)anthracene	26.127	278	1302939	36.597	ng	#	96
92) Benzo(g,h,i)perylene	26.874	276	1195625	33.913	ng		96

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

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