Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092121\
Data File : BP007078.D
Acq On : 21 Sep 2021 14:27
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
9/22/2021 4:42:27 PM

Quant Time: Sep 21 15:18:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 15:13:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	261701	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1042411	20.000	ng	#	0.00
39) Acenaphthene-d10	14.534	164	666665	20.000	ng		0.00
64) Phenanthrene-d10	17.281	188	1374887	20.000	ng	#	0.00
76) Chrysene-d12	21.363	240	1359590	20.000	ng	#	0.00
86) Perylene-d12	23.780	264	1399592	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1209924	75.495	ng		0.00
7) Phenol-d6	7.069	99	1697946	77.621	ng		0.00
23) Nitrobenzene-d5	9.069	82	1415304	76.256	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	690167	86.084	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	3625853	75.083	ng		0.00
79) Terphenyl-d14	19.839	244	5550841	78.332	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	241473	34.410	ng		88
3) Pyridine	3.775	79	686623	38.053	ng	#	87
4) n-Nitrosodimethylamine	3.681	42	233474	35.223	ng	#	74
6) Aniline	7.234	93	938427	39.814	ng		98
8) 2-Chlorophenol	7.469	128	661988	36.853	ng		98
9) Benzaldehyde	7.046	77	484405m	40.411	ng		
10) Phenol	7.099	94	816117	37.010	ng		89
11) bis(2-Chloroethyl)ether	7.328	93	641114	37.718	ng		96
12) 1,3-Dichlorobenzene	7.793	146	741591	36.847	ng		97
13) 1,4-Dichlorobenzene	7.940	146	755338	37.016	ng		98
14) 1,2-Dichlorobenzene	8.258	146	733800	37.554	ng		97
15) Benzyl Alcohol	8.146	79	545940	38.696	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.440	45	729620	36.718	ng		90
17) 2-Methylphenol	8.346	107	552730	39.022	ng		92
18) Hexachloroethane	8.987	117	255697	37.730	ng		95
19) n-Nitroso-di-n-propyla...	8.716	70	460502	38.345	ng		98
20) 3+4-Methylphenols	8.675	107	768836	40.101	ng		94
22) Acetophenone	8.728	105	980338	37.289	ng	#	99
24) Nitrobenzene	9.110	77	678322	35.032	ng		95
25) Isophorone	9.640	82	1234139	35.972	ng		97
26) 2-Nitrophenol	9.816	139	357160	42.545	ng	#	89
27) 2,4-Dimethylphenol	9.881	122	557731	37.755	ng		95
28) bis(2-Chloroethoxy)met...	10.116	93	860203	41.323	ng		98
29) 2,4-Dichlorophenol	10.352	162	648041	38.399	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	720014	37.519	ng		99
31) Naphthalene	10.757	128	2073748	35.903	ng		99
32) Benzoic acid	10.016	122	448203	50.802	ng		93
33) 4-Chloroaniline	10.863	127	869284	38.762	ng		100
34) Hexachlorobutadiene	11.046	225	432247	38.247	ng		98
35) Caprolactam	11.657	113	206574	44.483	ng	#	75
36) 4-Chloro-3-methylphenol	11.987	107	657694	38.631	ng		98
37) 2-Methylnaphthalene	12.363	142	1446931	35.335	ng		95
38) 1-Methylnaphthalene	12.581	142	1414873	36.592	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	803779	37.886	ng		98
41) Hexachlorocyclopentadiene	12.710	237	454546	43.131	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	558315	40.709	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	600249	39.723	ng		96
46) 1,1'-Biphenyl	13.369	154	1929247	37.099	ng		99
47) 2-Chloronaphthalene	13.410	162	1495290	36.494	ng		97
48) 2-Nitroaniline	13.616	65	382844	40.779	ng		92
49) Acenaphthylene	14.257	152	2349666	37.843	ng		100
50) Dimethylphthalate	13.993	163	1875002	38.534	ng		99
51) 2,6-Dinitrotoluene	14.110	165	394624	37.266	ng		91
52) Acenaphthene	14.598	154	1410640	35.896	ng		100
53) 3-Nitroaniline	14.440	138	435604	41.152	ng		97
54) 2,4-Dinitrophenol	14.645	184	240180	42.774	ng		90
55) Dibenzofuran	14.934	168	2329058	36.590	ng		94
56) 4-Nitrophenol	14.740	139	366171	40.759	ng	#	80
57) 2,4-Dinitrotoluene	14.898	165	530295	39.126	ng		90
58) Fluorene	15.581	166	1813209	36.498	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	520642	40.058	ng		96
60) Diethylphthalate	15.357	149	1815980	38.806	ng		97
61) 4-Chlorophenyl-phenyle...	15.575	204	953691	38.272	ng		92
62) 4-Nitroaniline	15.598	138	444362	41.760	ng	#	81
63) Azobenzene	15.869	77	1592606	36.748	ng		93
65) 4,6-Dinitro-2-methylph...	15.657	198	347146	41.636	ng		99
66) n-Nitrosodiphenylamine	15.792	169	1605214	36.685	ng		100
67) 4-Bromophenyl-phenylether	16.475	248	586861	38.614	ng		94
68) Hexachlorobenzene	16.586	284	646707	37.851	ng		98
69) Atrazine	16.745	200	579379	44.531	ng		96
70) Pentachlorophenol	16.928	266	418991	40.834	ng		99
71) Phenanthrene	17.328	178	2869696	35.979	ng		99
72) Anthracene	17.416	178	2831025	37.097	ng		99
73) Carbazole	17.686	167	2814357	37.803	ng		98
74) Di-n-butylphthalate	18.239	149	3136083	41.189	ng		98
75) Fluoranthene	19.292	202	3335467	36.306	ng		98
77) Benzidine	19.469	184	1657832	57.155	ng		99
78) Pyrene	19.639	202	3461556	36.742	ng		99
80) Butylbenzylphthalate	20.516	149	1431069	43.387	ng		95
81) Benzo(a)anthracene	21.351	228	3432816	37.157	ng		99
82) 3,3'-Dichlorobenzidine	21.280	252	1213940	46.210	ng	#	99
83) Chrysene	21.404	228	3304208	36.448	ng		99
84) Bis(2-ethylhexyl)phtha...	21.274	149	2061107	42.511	ng		98
85) Di-n-octyl phthalate	22.204	149	3504407	44.224	ng		100
87) Indeno(1,2,3-cd)pyrene	26.315	276	3952970	37.216	ng	#	94
88) Benzo(b)fluoranthene	23.045	252	3313896	34.860	ng	#	98
89) Benzo(k)fluoranthene	23.092	252	3290828	35.566	ng	#	98
90) Benzo(a)pyrene	23.674	252	2780478	32.615	ng	#	97
91) Dibenzo(a,h)anthracene	26.333	278	3299604	35.910	ng	#	96
92) Benzo(g,h,i)perylene	27.092	276	3226866	36.401	ng	#	95

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

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