Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091621\
Data File : BP006988.D
Acq On : 16 Sep 2021 10:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 14:57:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 16 14:57:18 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
9/17/2021 11:29:20 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	294259	20.000	ng		0.00
21) Naphthalene-d8	10.722	136	1188091	20.000	ng	#	0.00
39) Acenaphthene-d10	14.545	164	745230	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	1510390	20.000	ng	#	0.00
76) Chrysene-d12	21.374	240	1469902	20.000	ng	#	0.00
86) Perylene-d12	23.798	264	1467591	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	187590	10.410	ng		0.00
7) Phenol-d6	7.081	99	258571	10.513	ng		0.00
23) Nitrobenzene-d5	9.081	82	206467	9.760	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	74272	8.287	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	575089	10.653	ng		0.00
79) Terphenyl-d14	19.851	244	818512	10.684	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	44489	5.638	ng	#	87
3) Pyridine	3.805	79	104541	5.152	ng	#	81
4) n-Nitrosodimethylamine	3.711	42	40563	5.442	ng	#	78
6) Aniline	7.246	93	136830	5.163	ng		98
8) 2-Chlorophenol	7.481	128	107834	5.339	ng		95
9) Benzaldehyde	7.058	77	82674	6.134	ng		98
10) Phenol	7.105	94	130247	5.253	ng		91
11) bis(2-Chloroethyl)ether	7.346	93	107665	5.633	ng		94
12) 1,3-Dichlorobenzene	7.810	146	125348	5.539	ng		99
13) 1,4-Dichlorobenzene	7.958	146	126666	5.521	ng		97
14) 1,2-Dichlorobenzene	8.275	146	121520	5.531	ng		99
15) Benzyl Alcohol	8.158	79	80322	5.063	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	127697	5.715	ng		90
17) 2-Methylphenol	8.358	107	80911	5.080	ng		96
18) Hexachloroethane	9.005	117	40946	5.373	ng		96
19) n-Nitroso-di-n-propyla...	8.728	70	71543	5.298	ng		98
20) 3+4-Methylphenols	8.687	107	108122	5.016	ng		96
22) Acetophenone	8.746	105	153542	5.124	ng	#	97
24) Nitrobenzene	9.122	77	110427	5.004	ng		93
25) Isophorone	9.652	82	185086	4.733	ng		99
26) 2-Nitrophenol	9.834	139	37148	3.882	ng	#	93
27) 2,4-Dimethylphenol	9.893	122	80130	4.759	ng		92
28) bis(2-Chloroethoxy)met...	10.134	93	121847	5.136	ng		98
29) 2,4-Dichlorophenol	10.363	162	87096	4.528	ng		95
30) 1,2,4-Trichlorobenzene	10.587	180	110990	5.074	ng		98
31) Naphthalene	10.769	128	349540	5.310	ng		99
32) Benzoic acid	9.952	122	21008	2.089	ng		94
33) 4-Chloroaniline	10.881	127	121600	4.757	ng		99
34) Hexachlorobutadiene	11.063	225	64604	5.015	ng		99
35) Caprolactam	11.657	113	19986	3.776	ng	#	73
36) 4-Chloro-3-methylphenol	11.999	107	90804	4.680	ng		97
37) 2-Methylnaphthalene	12.381	142	242546	5.197	ng		95
38) 1-Methylnaphthalene	12.598	142	230136	5.222	ng		97
40) 1,2,4,5-Tetrachloroben...	12.746	216	120725	5.090	ng		99
41) Hexachlorocyclopentadiene	12.728	237	51811	4.398	ng		97
43) 2,4,6-Trichlorophenol	12.981	196	66475	4.336	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	76116	4.506	ng		97
46) 1,1'-Biphenyl	13.387	154	309386	5.322	ng		98
47) 2-Chloronaphthalene	13.428	162	237100	5.177	ng		98
48) 2-Nitroaniline	13.628	65	42309	4.031	ng		90
49) Acenaphthylene	14.269	152	332943	4.797	ng		99
50) Dimethylphthalate	14.004	163	275712	5.069	ng		99
51) 2,6-Dinitrotoluene	14.122	165	49676	4.197	ng		96
52) Acenaphthene	14.610	154	231228	5.264	ng		98
53) 3-Nitroaniline	14.445	138	45356	3.833	ng	#	86
55) Dibenzofuran	14.945	168	376416	5.290	ng		97
56) 4-Nitrophenol	14.745	139	34094	3.395	ng		88
57) 2,4-Dinitrotoluene	14.904	165	55095	3.636	ng		89
58) Fluorene	15.592	166	290573	5.232	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	66485m	4.582	ng		
60) Diethylphthalate	15.369	149	259865	4.968	ng		98
61) 4-Chlorophenyl-phenyle...	15.592	204	143104	5.137	ng		92
62) 4-Nitroaniline	15.604	138	43267	3.637	ng	#	83
63) Azobenzene	15.881	77	234154	4.833	ng		97
66) n-Nitrosodiphenylamine	15.804	169	240172	4.996	ng		99
67) 4-Bromophenyl-phenylether	16.486	248	81964	4.909	ng		95
68) Hexachlorobenzene	16.598	284	93527	4.983	ng		99
69) Atrazine	16.757	200	67951	4.754	ng		99
70) Pentachlorophenol	16.945	266	42754	3.793	ng		98
71) Phenanthrene	17.339	178	461715	5.269	ng		99
72) Anthracene	17.428	178	414914	4.949	ng		100
73) Carbazole	17.698	167	395805	4.840	ng		98
74) Di-n-butylphthalate	18.251	149	375002	4.483	ng		99
75) Fluoranthene	19.304	202	502675	4.981	ng		97
77) Benzidine	19.480	184	145178	4.629	ng		99
78) Pyrene	19.651	202	522119	5.126	ng		100
80) Butylbenzylphthalate	20.527	149	143087	4.013	ng		94
81) Benzo(a)anthracene	21.363	228	501717	5.023	ng		99
82) 3,3'-Dichlorobenzidine	21.292	252	118534	4.174	ng	#	98
83) Chrysene	21.416	228	513058	5.235	ng		99
84) Bis(2-ethylhexyl)phtha...	21.292	149	208069	3.969	ng	#	99
85) Di-n-octyl phthalate	22.221	149	317075	3.701	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.327	276	532998	4.786	ng	#	93
88) Benzo(b)fluoranthene	23.057	252	491703	4.933	ng	#	97
89) Benzo(k)fluoranthene	23.104	252	482142	4.969	ng	#	97
90) Benzo(a)pyrene	23.686	252	420117	4.700	ng	#	95
91) Dibenzo(a,h)anthracene	26.351	278	467453	4.852	ng	#	96
92) Benzo(g,h,i)perylene	27.104	276	452280	4.866	ng	#	93

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

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