Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020521\
Data File : BP004679.D
Acq On : 05 Feb 2021 14:43
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 05 16:05:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 05 16:02:44 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	45610	20.00	ng		0.00
21) Naphthalene-d8	10.569	136	173830	20.00	ng	#	0.00
39) Acenaphthene-d10	14.422	164	113276	20.00	ng		0.00
64) Phenanthrene-d10	17.175	188	249319	20.00	ng		0.00
76) Chrysene-d12	21.257	240	271661	20.00	ng		0.00
86) Perylene-d12	23.569	264	268638	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	114733	43.84	ng		0.00
7) Phenol-d6	6.940	99	158625	44.26	ng		0.00
23) Nitrobenzene-d5	8.928	82	151848	49.39	ng		0.00
42) 2,4,6-Tribromophenol	15.910	330	58203	29.55	ng		0.00
45) 2-Fluorobiphenyl	13.040	172	351739	40.37	ng		0.00
79) Terphenyl-d14	19.739	244	604249	40.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	24965	23.60	ng	#	91
3) Pyridine	3.687	79	65038	22.94	ng	#	93
4) n-Nitrosodimethylamine	3.599	42	26600	29.68	ng	#	54
6) Aniline	7.105	93	88527	21.71	ng	#	87
8) 2-Chlorophenol	7.334	128	61574	20.72	ng		87
9) Benzaldehyde	6.916	77	36973m	20.92	ng		
10) Phenol	6.964	94	75492	21.97	ng		71
11) bis(2-Chloroethyl)ether	7.199	93	58548	21.29	ng		92
12) 1,3-Dichlorobenzene	7.663	146	73301	19.95	ng	#	90
13) 1,4-Dichlorobenzene	7.811	146	74485	20.04	ng	#	93
14) 1,2-Dichlorobenzene	8.122	146	72300	20.37	ng	#	95
15) Benzyl Alcohol	8.011	79	59755	25.73	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.310	45	49394	16.93	ng		95
17) 2-Methylphenol	8.210	107	52505	21.65	ng	#	88
18) Hexachloroethane	8.852	117	27743	21.60	ng		97
19) n-Nitroso-di-n-propyla...	8.581	70	48057	23.91	ng	#	87
20) 3+4-Methylphenols	8.540	107	69359	20.96	ng		91
22) Acetophenone	8.593	105	96283	22.44	ng	#	91
24) Nitrobenzene	8.969	77	75764	25.18	ng	#	77
25) Isophorone	9.499	82	122333	22.06	ng		92
26) 2-Nitrophenol	9.681	139	28999	17.49	ng	#	68
27) 2,4-Dimethylphenol	9.746	122	46499	20.24	ng		90
28) bis(2-Chloroethoxy)met...	9.981	93	79122	20.80	ng		97
29) 2,4-Dichlorophenol	10.216	162	56616	18.56	ng		96
30) 1,2,4-Trichlorobenzene	10.434	180	70131	19.11	ng		97
31) Naphthalene	10.616	128	197105	20.64	ng		100
32) Benzoic acid	9.834	122	31718	19.08	ng	#	74
33) 4-Chloroaniline	10.728	127	80440	19.51	ng	#	86
34) Hexachlorobutadiene	10.904	225	47530	19.27	ng		99
35) Caprolactam	11.487	113	17880	18.36	ng	#	81
36) 4-Chloro-3-methylphenol	11.852	107	67228	23.15	ng	#	83
37) 2-Methylnaphthalene	12.234	142	139226	19.83	ng	#	94
38) 1-Methylnaphthalene	12.457	142	133134m	19.98	ng		
40) 1,2,4,5-Tetrachloroben...	12.604	216	76943	18.91	ng	#	97
41) Hexachlorocyclopentadiene	12.587	237	43724	30.09	ng		97
43) 2,4,6-Trichlorophenol	12.846	196	48478	18.30	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.910	196	50866	18.48	ng	#	92
46) 1,1'-Biphenyl	13.251	154	181229	20.01	ng		97
47) 2-Chloronaphthalene	13.293	162	148535	19.82	ng		94
48) 2-Nitroaniline	13.493	65	43454	25.07	ng	#	57
49) Acenaphthylene	14.140	152	223054	19.92	ng		99
50) Dimethylphthalate	13.881	163	192062	20.46	ng		98
51) 2,6-Dinitrotoluene	13.993	165	38530	19.25	ng	#	59
52) Acenaphthene	14.487	154	138016	20.22	ng		99
53) 3-Nitroaniline	14.322	138	40102	18.41	ng	#	63
54) 2,4-Dinitrophenol	14.528	184	21703	24.03	ng	#	78
55) Dibenzofuran	14.822	168	219238	19.84	ng		93
56) 4-Nitrophenol	14.628	139	31326	20.72	ng	#	51
57) 2,4-Dinitrotoluene	14.781	165	53005	19.38	ng	#	60
58) Fluorene	15.475	166	178805	20.26	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.045	232	50138	19.41	ng	#	98
60) Diethylphthalate	15.251	149	191307	20.84	ng		98
61) 4-Chlorophenyl-phenyle...	15.469	204	100611	20.18	ng		95
62) 4-Nitroaniline	15.487	138	43478	18.90	ng	#	61
63) Azobenzene	15.763	77	180574	25.98	ng		85
65) 4,6-Dinitro-2-methylph...	15.545	198	28966	19.95	ng		91
66) n-Nitrosodiphenylamine	15.687	169	156730	20.28	ng		100
67) 4-Bromophenyl-phenylether	16.369	248	60520	18.16	ng	#	90
68) Hexachlorobenzene	16.475	284	67439	16.94	ng		92
69) Atrazine	16.639	200	52144	19.18	ng		98
70) Pentachlorophenol	16.822	266	37654	21.08	ng		96
71) Phenanthrene	17.216	178	297072	20.78	ng		99
72) Anthracene	17.310	178	285571	20.62	ng		99
73) Carbazole	17.581	167	261936	20.29	ng		98
74) Di-n-butylphthalate	18.139	149	317171	20.33	ng	#	97
75) Fluoranthene	19.186	202	356691	20.51	ng		98
77) Benzidine	19.369	184	99871	14.05	ng		100
78) Pyrene	19.539	202	370813	20.06	ng		99
80) Butylbenzylphthalate	20.416	149	139624	18.68	ng	#	78
81) Benzo(a)anthracene	21.245	228	372874	20.18	ng		98
82) 3,3'-Dichlorobenzidine	21.180	252	119006	17.87	ng		99
83) Chrysene	21.292	228	358975	20.41	ng		98
84) Bis(2-ethylhexyl)phtha...	21.175	149	210805	19.75	ng		100
85) Di-n-octyl phthalate	22.069	149	345881	19.08	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.933	276	404970	19.53	ng		96
88) Benzo(b)fluoranthene	22.863	252	365585	21.03	ng		99
89) Benzo(k)fluoranthene	22.910	252	365080m	22.02	ng		
90) Benzo(a)pyrene	23.463	252	336994	20.78	ng		98
91) Dibenzo(a,h)anthracene	25.951	278	335177	19.59	ng		97
92) Benzo(g,h,i)perylene	26.657	276	327759	19.46	ng		96

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

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