Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020521\
Data File : BP004681.D
Acq On : 05 Feb 2021 15:50
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
2/8/2021 12:19:12 PM

Quant Time: Feb 05 16:21:59 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	51804	20.00	ng	# 0.00
21) Naphthalene-d8	10.569	136	190025	20.00	ng	# 0.00
39) Acenaphthene-d10	14.422	164	120770	20.00	ng	0.00
64) Phenanthrene-d10	17.175	188	267176	20.00	ng	0.00
76) Chrysene-d12	21.257	240	276698	20.00	ng	0.00
86) Perylene-d12	23.563	264	267436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	338017	113.73	ng	0.00
7) Phenol-d6	6.946	99	473393	116.29	ng	0.00
23) Nitrobenzene-d5	8.934	82	461621	137.34	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	174028	82.88	ng	0.00
45) 2-Fluorobiphenyl	13.046	172	1033894	111.29	ng	0.00
79) Terphenyl-d14	19.739	244	1714346	113.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	70024	58.28	ng	# 91
3) Pyridine	3.681	79	187838m	58.34	ng	
4) n-Nitrosodimethylamine	3.593	42	78095	76.72	ng	# 58
6) Aniline	7.105	93	261927	56.56	ng	# 88
8) 2-Chlorophenol	7.340	128	173378	51.37	ng	85
9) Benzaldehyde	6.917	77	98649	49.15	ng	# 79
10) Phenol	6.970	94	226245	57.97	ng	76
11) bis(2-Chloroethyl)ether	7.205	93	168747	54.02	ng	93
12) 1,3-Dichlorobenzene	7.664	146	211081	50.58	ng	# 91
13) 1,4-Dichlorobenzene	7.811	146	211922	50.20	ng	# 94
14) 1,2-Dichlorobenzene	8.128	146	204197	50.65	ng	# 93
15) Benzyl Alcohol	8.017	79	183939	69.74	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	8.305	45	134932	40.73	ng	90
17) 2-Methylphenol	8.217	107	152643	55.42	ng	# 89
18) Hexachloroethane	8.852	117	81991	56.19	ng	94
19) n-Nitroso-di-n-propyla...	8.587	70	144384	63.24	ng	# 88
20) 3+4-Methylphenols	8.546	107	207328	55.17	ng	92
22) Acetophenone	8.593	105	290601	61.95	ng	# 91
24) Nitrobenzene	8.975	77	225387	68.53	ng	# 80
25) Isophorone	9.499	82	370930	61.20	ng	# 90
26) 2-Nitrophenol	9.681	139	94562	52.16	ng	# 64
27) 2,4-Dimethylphenol	9.746	122	137978	54.95	ng	# 85
28) bis(2-Chloroethoxy)met...	9.987	93	233534	56.15	ng	97
29) 2,4-Dichlorophenol	10.216	162	168004	50.39	ng	93
30) 1,2,4-Trichlorobenzene	10.434	180	201796	50.31	ng	97
31) Naphthalene	10.616	128	563238	53.97	ng	99
32) Benzoic acid	9.887	122	113738	62.58	ng	# 71
33) 4-Chloroaniline	10.728	127	240685	53.40	ng	# 86
34) Hexachlorobutadiene	10.905	225	134703	49.97	ng	99
35) Caprolactam	11.510	113	58940	55.36	ng	# 84
36) 4-Chloro-3-methylphenol	11.858	107	201591	63.50	ng	85
37) 2-Methylnaphthalene	12.234	142	405947	52.90	ng	# 94
38) 1-Methylnaphthalene	12.457	142	387039	53.13	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.605	216	223945	51.62	ng	# 97
41) Hexachlorocyclopentadiene	12.587	237	132884	85.78	ng	95
43) 2,4,6-Trichlorophenol	12.846	196	147839	52.36	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	153204	52.21	ng	#	92
46) 1,1'-Biphenyl	13.252	154	527236	54.61	ng		98
47) 2-Chloronaphthalene	13.293	162	429536	53.75	ng		95
48) 2-Nitroaniline	13.499	65	139179	75.32	ng	#	63
49) Acenaphthylene	14.146	152	642914	53.86	ng		99
50) Dimethylphthalate	13.887	163	555127	55.47	ng		99
51) 2,6-Dinitrotoluene	13.999	165	116367	54.54	ng	#	59
52) Acenaphthene	14.487	154	402275	55.28	ng		100
53) 3-Nitroaniline	14.328	138	124756	53.73	ng	#	65
54) 2,4-Dinitrophenol	14.528	184	70035	72.74	ng	#	78
55) Dibenzofuran	14.822	168	632329	53.66	ng		95
56) 4-Nitrophenol	14.634	139	97961	60.77	ng	#	45
57) 2,4-Dinitrotoluene	14.787	165	162010	55.55	ng	#	61
58) Fluorene	15.475	166	527531	56.07	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.046	232	144545m	52.48	ng		
60) Diethylphthalate	15.257	149	563355	57.56	ng		100
61) 4-Chlorophenyl-phenyle...	15.469	204	288648	54.29	ng		97
62) 4-Nitroaniline	15.499	138	135577	55.28	ng	#	54
63) Azobenzene	15.763	77	528857	71.37	ng		83
65) 4,6-Dinitro-2-methylph...	15.551	198	91725	58.94	ng		88
66) n-Nitrosodiphenylamine	15.687	169	450589	54.40	ng		98
67) 4-Bromophenyl-phenylether	16.369	248	177615	49.74	ng		93
68) Hexachlorobenzene	16.481	284	193020	45.25	ng		96
69) Atrazine	16.640	200	148903	51.11	ng		100
70) Pentachlorophenol	16.822	266	114310	59.72	ng		99
71) Phenanthrene	17.216	178	835673	54.56	ng		99
72) Anthracene	17.310	178	810782	54.62	ng		99
73) Carbazole	17.581	167	751042	54.29	ng		99
74) Di-n-butylphthalate	18.140	149	954303	57.08	ng	#	98
75) Fluoranthene	19.187	202	1001160	53.72	ng		99
77) Benzidine	19.369	184	259645	35.87	ng		99
78) Pyrene	19.539	202	1026343	54.51	ng		98
80) Butylbenzylphthalate	20.416	149	422283	55.45	ng	#	78
81) Benzo(a)anthracene	21.245	228	1010199	53.67	ng		99
82) 3,3'-Dichlorobenzidine	21.181	252	326243	48.09	ng		99
83) Chrysene	21.298	228	971517	54.23	ng		98
84) Bis(2-ethylhexyl)phtha...	21.175	149	630068	57.94	ng		99
85) Di-n-octyl phthalate	22.069	149	1020196	55.25	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.945	276	1112449	53.90	ng		96
88) Benzo(b)fluoranthene	22.869	252	1011422	58.43	ng		98
89) Benzo(k)fluoranthene	22.916	252	980774m	59.41	ng		
90) Benzo(a)pyrene	23.469	252	926849	57.40	ng	#	98
91) Dibenzo(a,h)anthracene	25.963	278	930629	54.65	ng	#	96
92) Benzo(g,h,i)perylene	26.674	276	882150	52.60	ng		96

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

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