Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020521\
Data File : BP004680.D
Acq On : 05 Feb 2021 15:17
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
2/8/2021 12:19:09 PM

Quant Time: Feb 05 16:06:45 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	52411	20.00	ng		0.00
21) Naphthalene-d8	10.569	136	194239	20.00	ng	#	0.00
39) Acenaphthene-d10	14.422	164	125935	20.00	ng		0.00
64) Phenanthrene-d10	17.175	188	278196	20.00	ng		0.00
76) Chrysene-d12	21.257	240	288501	20.00	ng		0.00
86) Perylene-d12	23.568	264	278483	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	246643	82.02	ng		0.00
7) Phenol-d6	6.940	99	343709	83.45	ng		0.00
23) Nitrobenzene-d5	8.934	82	337922	98.36	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	125885	57.49	ng		0.00
45) 2-Fluorobiphenyl	13.040	172	763609	78.82	ng		0.00
79) Terphenyl-d14	19.739	244	1278082	80.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	54417	44.76	ng	#	94
3) Pyridine	3.681	79	143681	44.11	ng		97
4) n-Nitrosodimethylamine	3.593	42	57773	56.10	ng	#	58
6) Aniline	7.105	93	191526	40.88	ng	#	84
8) 2-Chlorophenol	7.340	128	126593	37.07	ng		85
9) Benzaldehyde	6.916	77	81389	40.08	ng	#	80
10) Phenol	6.969	94	166908	42.27	ng		80
11) bis(2-Chloroethyl)ether	7.205	93	126145	39.91	ng		92
12) 1,3-Dichlorobenzene	7.663	146	153929	36.46	ng	#	91
13) 1,4-Dichlorobenzene	7.810	146	158745	37.17	ng	#	94
14) 1,2-Dichlorobenzene	8.128	146	151237	37.08	ng		93
15) Benzyl Alcohol	8.010	79	133572	50.06	ng	#	82
16) 2,2'-oxybis(1-Chloropr...	8.305	45	102089	30.46	ng		92
17) 2-Methylphenol	8.216	107	112887	40.51	ng	#	89
18) Hexachloroethane	8.852	117	61563	41.71	ng		94
19) n-Nitroso-di-n-propyla...	8.581	70	107812	46.67	ng	#	88
20) 3+4-Methylphenols	8.546	107	151439	39.83	ng		90
22) Acetophenone	8.593	105	211938	44.20	ng	#	90
24) Nitrobenzene	8.975	77	165547	49.25	ng	#	77
25) Isophorone	9.499	82	272747	44.02	ng	#	91
26) 2-Nitrophenol	9.681	139	67460	36.40	ng	#	62
27) 2,4-Dimethylphenol	9.746	122	101708	39.63	ng	#	85
28) bis(2-Chloroethoxy)met...	9.987	93	171583	40.36	ng		97
29) 2,4-Dichlorophenol	10.216	162	124461	36.52	ng		93
30) 1,2,4-Trichlorobenzene	10.434	180	149118	36.37	ng		97
31) Naphthalene	10.616	128	414917	38.89	ng		99
32) Benzoic acid	9.869	122	81008	43.61	ng	#	63
33) 4-Chloroaniline	10.728	127	176443	38.30	ng	#	88
34) Hexachlorobutadiene	10.904	225	100787	36.58	ng		97
35) Caprolactam	11.504	113	42698	39.24	ng		83
36) 4-Chloro-3-methylphenol	11.857	107	148030	45.62	ng		84
37) 2-Methylnaphthalene	12.234	142	300388	38.30	ng	#	94
38) 1-Methylnaphthalene	12.457	142	283888m	38.13	ng		
40) 1,2,4,5-Tetrachloroben...	12.604	216	168162	37.17	ng	#	98
41) Hexachlorocyclopentadiene	12.587	237	96161	59.53	ng		97
43) 2,4,6-Trichlorophenol	12.845	196	108045	36.69	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	111488	36.43	ng	#	92
46) 1,1'-Biphenyl	13.251	154	388680	38.61	ng		98
47) 2-Chloronaphthalene	13.293	162	315768	37.90	ng		94
48) 2-Nitroaniline	13.498	65	100633	52.23	ng	#	61
49) Acenaphthylene	14.145	152	478048	38.40	ng		99
50) Dimethylphthalate	13.881	163	410412	39.33	ng		99
51) 2,6-Dinitrotoluene	13.998	165	85981	38.65	ng	#	53
52) Acenaphthene	14.487	154	301680	39.76	ng		99
53) 3-Nitroaniline	14.328	138	90266	37.28	ng	#	67
54) 2,4-Dinitrophenol	14.528	184	51180	50.97	ng	#	80
55) Dibenzofuran	14.822	168	470665	38.30	ng		96
56) 4-Nitrophenol	14.628	139	70839	42.14	ng	#	45
57) 2,4-Dinitrotoluene	14.781	165	117409	38.60	ng	#	56
58) Fluorene	15.475	166	388619	39.61	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	107857	37.55	ng	#	97
60) Diethylphthalate	15.251	149	414226	40.59	ng		99
61) 4-Chlorophenyl-phenyle...	15.469	204	209922	37.87	ng		94
62) 4-Nitroaniline	15.492	138	97447	38.10	ng	#	52
63) Azobenzene	15.763	77	394656	51.07	ng		83
65) 4,6-Dinitro-2-methylph...	15.545	198	65576	40.47	ng		83
66) n-Nitrosodiphenylamine	15.687	169	334886	38.83	ng		99
67) 4-Bromophenyl-phenylether	16.369	248	131119	35.27	ng	#	91
68) Hexachlorobenzene	16.475	284	145094	32.67	ng	#	89
69) Atrazine	16.639	200	113695	37.48	ng		97
70) Pentachlorophenol	16.822	266	84042	42.17	ng		99
71) Phenanthrene	17.216	178	619658	38.85	ng		99
72) Anthracene	17.310	178	601642	38.93	ng		99
73) Carbazole	17.581	167	552289	38.34	ng		99
74) Di-n-butylphthalate	18.139	149	686596	39.44	ng	#	97
75) Fluoranthene	19.186	202	745476	38.41	ng		99
77) Benzidine	19.369	184	233659	30.96	ng		99
78) Pyrene	19.539	202	754396	38.43	ng		99
80) Butylbenzylphthalate	20.416	149	309383	38.97	ng	#	81
81) Benzo(a)anthracene	21.245	228	759219	38.69	ng		98
82) 3,3'-Dichlorobenzidine	21.180	252	248680	35.16	ng		98
83) Chrysene	21.292	228	728304	38.99	ng		99
84) Bis(2-ethylhexyl)phtha...	21.174	149	459392	40.52	ng		99
85) Di-n-octyl phthalate	22.069	149	739969	38.44	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.939	276	827231	38.49	ng		96
88) Benzo(b)fluoranthene	22.868	252	763023	42.33	ng	#	96
89) Benzo(k)fluoranthene	22.916	252	719977	41.88	ng	#	98
90) Benzo(a)pyrene	23.468	252	691803	41.15	ng	#	97
91) Dibenzo(a,h)anthracene	25.957	278	684729	38.61	ng		97
92) Benzo(g,h,i)perylene	26.668	276	662525	37.94	ng	#	94

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

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