Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118495.D
Acq On : 8 Jan 2020 11:49
Operator : JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
1/9/2020 12:10:26 PM

Quant Time: Jan 08 15:28:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 14:21:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	76639	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	307715	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	170682	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	348577	20.00	ng		0.00
76) Chrysene-d12	14.03	240	258448	20.00	ng		0.00
87) Perylene-d12	15.52	264	217474	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	111290	26.07	ng		0.00
7) Phenol-d6	6.46	99	124918	22.92	ng		-0.01
23) Nitrobenzene-d5	7.40	82	134435	23.66	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	43126	20.75	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	268938	23.26	ng		-0.01
79) Terphenyl-d14	12.96	244	339039	20.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	17708	12.265	ng		96
3) Pyridine	3.32	79	37233	9.381	ng		97
4) n-Nitrosodimethylamine	3.25	42	21169	11.036	ng	#	89
6) Aniline	6.49	93	76992	11.435	ng		94
8) 2-Chlorophenol	6.62	128	56898	11.433	ng		95
9) Benzaldehyde	6.39	77	38443	12.806	ng		96
10) Phenol	6.48	94	66779	10.994	ng		91
11) bis(2-Chloroethyl)ether	6.56	93	47883	11.386	ng		98
12) 1,3-Dichlorobenzene	6.77	146	66519	11.313	ng		96
13) 1,4-Dichlorobenzene	6.85	146	68198	11.437	ng		99
14) 1,2-Dichlorobenzene	7.00	146	67893	12.132	ng		98
15) Benzyl Alcohol	6.98	79	49856	11.414	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	57547	12.253	ng		90
17) 2-Methylphenol	7.09	107	51349	12.725	ng		94
18) Hexachloroethane	7.34	117	28185	12.857	ng		89
19) n-Nitroso-di-n-propylamine	7.24	70	43951	12.962	ng		97
20) 3+4-Methylphenols	7.25	107	68825	13.014	ng	#	75
22) Acetophenone	7.24	105	95782	12.138	ng	#	93
24) Nitrobenzene	7.42	77	68803	12.247	ng		98
25) Isophorone	7.65	82	110031	11.361	ng		99
26) 2-Nitrophenol	7.74	139	33180	11.051	ng		100
27) 2,4-Dimethylphenol	7.77	122	45130	11.480	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	69052	11.270	ng		99
29) 2,4-Dichlorophenol	7.99	162	50659	10.929	ng		94
30) 1,2,4-Trichlorobenzene	8.06	180	56092	10.226	ng		95
31) Naphthalene	8.14	128	179354	11.083	ng		98
32) Benzoic acid	7.88	122	14720m	5.373	ng		
33) 4-Chloroaniline	8.19	127	73561	10.840	ng		96
34) Hexachlorobutadiene	8.25	225	34092	10.418	ng		97
35) Caprolactam	8.54	113	14465	9.885	ng		95
36) 4-Chloro-3-methylphenol	8.68	107	53783	11.026	ng		95
37) 2-Methylnaphthalene	8.83	142	119722	10.822	ng		96
38) 1-Methylnaphthalene	8.93	142	114668	10.830	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	55956	10.837	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	1610	1.723 ng	90
43) 2,4,6-Trichlorophenol	9.12	196	32305	9.796 ng	99
44) 2,4,5-Trichlorophenol	9.17	196	33281	9.914 ng	98
46) 1,1'-Biphenyl	9.30	154	154329	11.296 ng	98
47) 2-Chloronaphthalene	9.33	162	122876	11.221 ng	96
48) 2-Nitroaniline	9.43	65	34321	10.848 ng	96
49) Acenaphthylene	9.74	152	176169	10.821 ng	98
50) Dimethylphthalate	9.59	163	135047	10.278 ng	99
51) 2,6-Dinitrotoluene	9.66	165	29208	10.847 ng	93
52) Acenaphthene	9.92	154	108482	10.582 ng	99
53) 3-Nitroaniline	9.84	138	35514	10.775 ng	91
54) 2,4-Dinitrophenol	9.97	184	7491	6.577 ng	94
55) Dibenzofuran	10.09	168	177559	12.234 ng	99
56) 4-Nitrophenol	10.03	139	12440	7.848 ng	97
57) 2,4-Dinitrotoluene	10.08	165	41672	11.248 ng	95
58) Fluorene	10.43	166	118992	9.998 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	30561m	10.973 ng	
60) Diethylphthalate	10.30	149	149469	11.568 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	58936	9.908 ng	98
62) 4-Nitroaniline	10.45	138	32788	9.720 ng	93
63) Azobenzene	10.58	77	122832	11.054 ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	12290	6.161 ng	96
66) n-Nitrosodiphenylamine	10.54	169	105970	8.878 ng	98
67) 4-Bromophenyl-phenylether	10.91	248	41839	9.467 ng	95
68) Hexachlorobenzene	10.99	284	50516	9.607 ng	96
69) Atrazine	11.06	200	37136	10.118 ng	98
70) Pentachlorophenol	11.19	266	9142	5.595 ng	90
71) Phenanthrene	11.40	178	215486	11.202 ng	99
72) Anthracene	11.45	178	215107	11.047 ng	99
73) Carbazole	11.61	167	175672	9.839 ng	99
74) Di-n-butylphthalate	11.93	149	235850	10.073 ng	98
75) Fluoranthene	12.60	202	213179	10.518 ng	97
77) Benzidine	12.72	184	123622	16.923 ng	97
78) Pyrene	12.83	202	207714	9.306 ng	98
80) Butylbenzylphthalate	13.44	149	95660	9.728 ng	91
81) Benzo(a)anthracene	14.02	228	195588	10.637 ng	97
82) 3,3'-Dichlorobenzidine	13.98	252	63016	10.802 ng	98
83) Chrysene	14.06	228	199731	11.330 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	130481	10.604 ng	99
85) Di-n-octyl phthalate	14.61	149	192781	10.182 ng	99
86) Indeno(1,2,3-cd)pyrene	17.02	276	126969	10.081 ng	100
88) Benzo(b)fluoranthene	15.08	252	165486	10.940 ng	99
89) Benzo(k)fluoranthene	15.11	252	172779	11.605 ng	100
90) Benzo(a)pyrene	15.45	252	135746	9.842 ng	99
91) Dibenzo(a,h)anthracene	17.02	278	103307	9.605 ng	97
92) Benzo(g,h,i)perylene	17.47	276	101036	9.056 ng	98

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

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