Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118501.D
Acq On : 8 Jan 2020 14:37
Operator : JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
1/9/2020 12:10:39 PM

Quant Time: Jan 08 16:04:26 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	95881	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	352445	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	186146	20.00	ng		0.00
64) Phenanthrene-d10	11.38	188	337796	20.00	ng		0.00
76) Chrysene-d12	14.04	240	215413	20.00	ng		0.00
87) Perylene-d12	15.52	264	180085	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1136825	212.84	ng		0.00
7) Phenol-d6	6.49	99	1136847	166.75	ng		0.02
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng		
42) 2,4,6-Tribromophenol	10.69	330	420992	185.71	ng		0.01
45) 2-Fluorobiphenyl	9.21	172	2369226	187.90	ng		0.00
79) Terphenyl-d14	12.98	244	2440499	173.54	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	185847	102.893	ng		99
3) Pyridine	3.30	79	537700	108.289	ng		97
4) n-Nitrosodimethylamine	3.29	42	258291	107.632	ng		100
6) Aniline	6.52	93	699281	83.017	ng		96
8) 2-Chlorophenol	6.63	128	516129	82.899	ng		98
10) Phenol	6.50	94	636839	83.806	ng		91
11) bis(2-Chloroethyl)ether	6.58	93	453988	86.284	ng		96
12) 1,3-Dichlorobenzene	6.78	146	650917	88.487	ng		98
13) 1,4-Dichlorobenzene	6.86	146	678948	91.012	ng		99
14) 1,2-Dichlorobenzene	7.01	146	643470	91.909	ng		98
15) Benzyl Alcohol	7.00	79	496005	90.770	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	538123	91.581	ng		93
17) 2-Methylphenol	7.11	107	446998	88.545	ng	#	89
18) Hexachloroethane	7.35	117	223150	81.363	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	360228	84.917	ng		97
22) Acetophenone	7.26	105	757913	83.856	ng	#	93
25) Isophorone	7.67	82	895687	80.745	ng		98
26) 2-Nitrophenol	7.75	139	282604	82.177	ng		95
27) 2,4-Dimethylphenol	7.79	122	379464	84.278	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	612964	87.342	ng		99
29) 2,4-Dichlorophenol	7.99	162	463986	87.391	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	578889	92.139	ng		99
31) Naphthalene	8.15	128	1707611	92.131	ng		98
32) Benzoic acid	7.98	122	321847	102.578	ng		94
33) 4-Chloroaniline	8.20	127	704970	90.701	ng		98
34) Hexachlorobutadiene	8.26	225	362991	96.847	ng		99
35) Caprolactam	8.62	113	124409m	74.227	ng		
36) 4-Chloro-3-methylphenol	8.70	107	469760	84.080	ng		98
37) 2-Methylnaphthalene	8.85	142	1081879	85.385	ng		98
38) 1-Methylnaphthalene	8.95	142	1030384	84.967	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	526288	93.458	ng		100
41) Hexachlorocyclopentadiene	8.99	237	164227	161.111	ng		98
43) 2,4,6-Trichlorophenol	9.13	196	339812	94.484	ng		99
44) 2,4,5-Trichlorophenol	9.18	196	360976	98.597	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.32	154	1444368	96.933	ng		98
47) 2-Chloronaphthalene	9.34	162	1144662	95.849	ng		99
48) 2-Nitroaniline	9.45	65	338355	98.058	ng		99
49) Acenaphthylene	9.76	152	1672955	94.222	ng		99
50) Dimethylphthalate	9.62	163	1344058	93.792	ng		99
51) 2,6-Dinitrotoluene	9.69	165	298473	101.632	ng		87
52) Acenaphthene	9.93	154	990258	88.574	ng		99
53) 3-Nitroaniline	9.87	138	371693	103.407	ng		97
54) 2,4-Dinitrophenol	9.97	184	134608	108.374	ng		99
55) Dibenzofuran	10.10	168	1419194	89.660	ng		97
56) 4-Nitrophenol	10.04	139	171917	99.451	ng		94
57) 2,4-Dinitrotoluene	10.10	165	369933	91.556	ng		96
58) Fluorene	10.44	166	1163745	89.662	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	276836	91.142	ng		99
60) Diethylphthalate	10.32	149	1289932	91.540	ng		97
61) 4-Chlorophenyl-phenylether	10.43	204	586403	90.396	ng		96
62) 4-Nitroaniline	10.49	138	299227	81.336	ng		97
63) Azobenzene	10.60	77	1108519	91.473	ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	185092	95.744	ng		99
66) n-Nitrosodiphenylamine	10.56	169	1014981	87.750	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	398698	93.093	ng		98
68) Hexachlorobenzene	11.00	284	469278	92.096	ng		96
70) Pentachlorophenol	11.19	266	152309	96.190	ng		99
71) Phenanthrene	11.42	178	1743148	93.511	ng		99
72) Anthracene	11.47	178	1688488	89.484	ng		100
73) Carbazole	11.62	167	1512758	87.435	ng		98
74) Di-n-butylphthalate	11.94	149	2148469	94.684	ng		99
75) Fluoranthene	12.61	202	1707588	86.942	ng		99
78) Pyrene	12.84	202	1639045	88.100	ng		99
80) Butylbenzylphthalate	13.44	149	794492	96.931	ng		100
81) Benzo(a)anthracene	14.03	228	1424501	92.945	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	434847	89.433	ng		98
83) Chrysene	14.07	228	1387974	94.465	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1068304	104.168	ng	#	97
85) Di-n-octyl phthalate	14.62	149	1366460	86.586	ng		99
86) Indeno(1,2,3-cd)pyrene	17.06	276	1301448	123.980	ng		99
88) Benzo(b)fluoranthene	15.09	252	1243093	99.237	ng		100
89) Benzo(k)fluoranthene	15.13	252	1031044	83.632	ng		99
90) Benzo(a)pyrene	15.47	252	1028129	90.021	ng		100
91) Dibenzo(a,h)anthracene	17.06	278	1081783	121.461	ng		99
92) Benzo(g,h,i)perylene	17.50	276	1040575	112.629	ng		99

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

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