Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118731.D
Acq On : 29 Jan 2020 15:09
Operator : CG/JU
Sample : L1289-21MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-32-33-COMPMSD

Manual Integrations APPROVED
mohammad
1/30/2020 10:18:12 AM

Quant Time: Jan 30 00:34:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	310845	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1183228	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	664436	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1193215	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	756135	20.00	ng	-0.01
87) Perylene-d12	15.46	264	786125	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1681086	100.44	ng	0.00
7) Phenol-d6	6.48	99	2109694	96.98	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1353744	63.99	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	760085	98.90	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2586167	63.97	ng	-0.01
79) Terphenyl-d14	12.95	244	2829046	81.60	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.72	88	308109	38.008	ng	99
3) Pyridine	3.47	79	794425	34.770	ng	99
4) n-Nitrosodimethylamine	3.40	42	346952	35.419	ng	93
6) Aniline	6.51	93	749214	26.156	ng	99
8) 2-Chlorophenol	6.63	128	893546	47.565	ng	98
9) Benzaldehyde	6.39	77	426445	32.234	ng	95
10) Phenol	6.49	94	1100933	44.409	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	799510	43.468	ng	99
12) 1,3-Dichlorobenzene	6.79	146	947257	43.081	ng	99
13) 1,4-Dichlorobenzene	6.87	146	957567	43.384	ng	100
14) 1,2-Dichlorobenzene	7.02	146	895758	43.171	ng	99
15) Benzyl Alcohol	6.99	79	743715	43.111	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.12	45	922572	36.010	ng	99
17) 2-Methylphenol	7.10	107	721413	46.102	ng	100
18) Hexachloroethane	7.36	117	335330	41.898	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	569463	38.769	ng	100
20) 3+4-Methylphenols	7.25	107	838074	43.867	ng	94
22) Acetophenone	7.26	105	1100962	39.279	ng	97
24) Nitrobenzene	7.43	77	872004	40.258	ng	98
25) Isophorone	7.67	82	1609550	41.716	ng	99
26) 2-Nitrophenol	7.75	139	485446	52.555	ng	99
27) 2,4-Dimethylphenol	7.79	122	806083	50.537	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	994617	40.007	ng	100
29) 2,4-Dichlorophenol	7.99	162	782552	44.382	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	862562	42.191	ng	99
31) Naphthalene	8.15	128	2435750	45.570	ng	100
32) Benzoic acid	7.91	122	502901	42.011	ng	99
33) 4-Chloroaniline	8.19	127	326409	13.212	ng	99
34) Hexachlorobutadiene	8.27	225	502260	40.342	ng	99
35) Caprolactam	8.57	113	245842m	42.605	ng	
36) 4-Chloro-3-methylphenol	8.68	107	790363	45.392	ng	98
37) 2-Methylnaphthalene	8.85	142	1720931	45.614	ng	100
38) 1-Methylnaphthalene	8.95	142	1614325	45.038	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	830717	39.958	ng	99

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QLast Update : Mon Jan 27 14:24:10 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	861811	82.162 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	609848	44.206 ng	99
44) 2,4,5-Trichlorophenol	9.16	196	613173	43.520 ng	99
46) 1,1'-Biphenyl	9.31	154	2039677	44.541 ng	99
47) 2-Chloronaphthalene	9.33	162	1652213	42.806 ng	99
48) 2-Nitroaniline	9.42	65	457199	38.534 ng	98
49) Acenaphthylene	9.75	152	2526639	46.532 ng	99
50) Dimethylphthalate	9.61	163	2309376	53.348 ng	98
51) 2,6-Dinitrotoluene	9.67	165	459175	47.369 ng	92
52) Acenaphthene	9.92	154	1696523	46.725 ng	99
53) 3-Nitroaniline	9.83	138	229564	20.740 ng	94
54) 2,4-Dinitrophenol	9.95	184	390007	100.779 ng	97
55) Dibenzofuran	10.09	168	2274655	45.207 ng	99
56) 4-Nitrophenol	10.00	139	729645	87.321 ng	97
57) 2,4-Dinitrotoluene	10.07	165	598750	48.997 ng	97
58) Fluorene	10.44	166	1699641	43.028 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	531983	42.928 ng	100
60) Diethylphthalate	10.31	149	1829442	43.588 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	898095	41.803 ng	96
62) 4-Nitroaniline	10.45	138	421555	37.129 ng	99
63) Azobenzene	10.59	77	1638178	40.301 ng	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	306025	58.325 ng	90
66) n-Nitrosodiphenylamine	10.55	169	1585509	44.061 ng	99
67) 4-Bromophenyl-phenylether	10.92	248	626083	42.470 ng	98
68) Hexachlorobenzene	10.99	284	702448	42.029 ng	99
69) Atrazine	11.07	200	562021	45.061 ng	98
70) Pentachlorophenol	11.18	266	731267	78.696 ng	99
71) Phenanthrene	11.40	178	2504404	43.505 ng	99
72) Anthracene	11.45	178	2605572	45.743 ng	100
73) Carbazole	11.60	167	2258132	43.220 ng	100
74) Di-n-butylphthalate	11.93	149	2649437	45.643 ng	99
75) Fluoranthene	12.58	202	2616108	43.088 ng	99
77) Benzidine	12.70	184	1207626	59.774 ng	99
78) Pyrene	12.81	202	2598033	50.610 ng	100
80) Butylbenzylphthalate	13.43	149	1094680	52.104 ng	98
81) Benzo(a)anthracene	14.00	228	2030482	44.640 ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	516545	31.870 ng	99
83) Chrysene	14.03	228	1974218	45.287 ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1397141	54.432 ng	99
85) Di-n-octyl phthalate	14.60	149	2231708	58.740 ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2324875	61.378 ng	99
88) Benzo(b)fluoranthene	15.04	252	2125217	43.009 ng	100
89) Benzo(k)fluoranthene	15.07	252	1755971	38.357 ng	100
90) Benzo(a)pyrene	15.40	252	1772883	41.592 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1923331	51.010 ng	100
92) Benzo(g,h,i)perylene	17.37	276	1979630	54.074 ng	99

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

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