Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119689.D
Acq On : 2 Apr 2020 1:42
Operator : MA/SJ
Sample : PB127937BSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127937BSD

Manual Integrations APPROVED
mohammad
4/3/2020 11:14:39 PM

Quant Time: Apr 02 02:59:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	240117	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	949770	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	504439	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	938042	20.00	ng		0.00
76) Chrysene-d12	13.99	240	682910	20.00	ng		-0.01
87) Perylene-d12	15.44	264	740098	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1198918	79.48	ng		0.01
7) Phenol-d6	6.45	99	1540081	79.93	ng		0.00
23) Nitrobenzene-d5	7.38	82	1363101	78.00	ng		0.00
42) 2,4,6-Tribromophenol	10.65	330	460911	88.57	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	2589421	76.05	ng		0.00
79) Terphenyl-d14	12.93	244	2858393	82.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	225906	30.324	ng		97
3) Pyridine	3.33	79	640651	31.216	ng		92
4) n-Nitrosodimethylamine	3.29	42	353600	35.330	ng		94
6) Aniline	6.47	93	931667	35.034	ng		95
8) 2-Chlorophenol	6.60	128	736221	46.473	ng		96
9) Benzaldehyde	6.36	77	386195	31.595	ng		97
10) Phenol	6.46	94	946887	46.056	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	700900	42.625	ng		98
12) 1,3-Dichlorobenzene	6.75	146	728245	42.473	ng		96
13) 1,4-Dichlorobenzene	6.83	146	733708	42.781	ng		98
14) 1,2-Dichlorobenzene	6.99	146	689678	43.023	ng		98
15) Benzyl Alcohol	6.96	79	609315	42.039	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1268331	38.240	ng		100
17) 2-Methylphenol	7.07	107	592632	40.829	ng		100
18) Hexachloroethane	7.33	117	278519	44.315	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	497980	42.878	ng		96
20) 3+4-Methylphenols	7.22	107	721718	40.572	ng	#	80
22) Acetophenone	7.22	105	938598	41.358	ng	#	86
24) Nitrobenzene	7.40	77	759828	40.684	ng		97
25) Isophorone	7.64	82	1427068	40.256	ng		99
26) 2-Nitrophenol	7.71	139	394966	53.711	ng		96
27) 2,4-Dimethylphenol	7.75	122	632012	41.565	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	910194	43.420	ng		99
29) 2,4-Dichlorophenol	7.95	162	618314	44.257	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	645848	41.800	ng		97
31) Naphthalene	8.12	128	2075203	42.458	ng		99
32) Benzoic acid	7.88	122	500290	51.150	ng		88
33) 4-Chloroaniline	8.16	127	573677	25.615	ng		99
34) Hexachlorobutadiene	8.24	225	368865	42.669	ng		99
35) Caprolactam	8.54	113	200047m	43.751	ng		
36) 4-Chloro-3-methylphenol	8.65	107	663438	43.447	ng		99
37) 2-Methylnaphthalene	8.82	142	1417614	44.194	ng		98
38) 1-Methylnaphthalene	8.92	142	1341036	44.169	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	598937	40.508	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	755615	89.893 ng	99
43) 2,4,6-Trichlorophenol	9.09	196	460012	43.476 ng	97
44) 2,4,5-Trichlorophenol	9.13	196	478439	40.364 ng	98
46) 1,1'-Biphenyl	9.28	154	1693520	41.221 ng	99
47) 2-Chloronaphthalene	9.30	162	1330055	41.330 ng	97
48) 2-Nitroaniline	9.40	65	474761	42.741 ng	96
49) Acenaphthylene	9.72	152	2072914	41.018 ng	99
50) Dimethylphthalate	9.58	163	1547643	43.193 ng	99
51) 2,6-Dinitrotoluene	9.64	165	356661	46.440 ng	91
52) Acenaphthene	9.89	154	1444867	45.861 ng	99
53) 3-Nitroaniline	9.81	138	280906	28.972 ng	93
54) 2,4-Dinitrophenol	9.92	184	358213	105.265 ng	94
55) Dibenzofuran	10.06	168	1878200	41.580 ng	100
56) 4-Nitrophenol	9.97	139	607027	79.362 ng	95
57) 2,4-Dinitrotoluene	10.05	165	472860	48.875 ng	96
58) Fluorene	10.41	166	1425138	42.665 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	401165	45.279 ng	98
60) Diethylphthalate	10.29	149	1593468	43.818 ng	99
61) 4-Chlorophenyl-phenylether	10.40	204	686268	42.013 ng	99
62) 4-Nitroaniline	10.43	138	386879	41.610 ng	95
63) Azobenzene	10.56	77	1517397	41.435 ng	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	249111	63.331 ng	86
66) n-Nitrosodiphenylamine	10.52	169	1332206	43.261 ng	99
67) 4-Bromophenyl-phenylether	10.89	248	458831	42.949 ng	92
68) Hexachlorobenzene	10.96	284	492987	45.088 ng	92
69) Atrazine	11.05	200	409791	48.540 ng	99
70) Pentachlorophenol	11.15	266	535412	83.513 ng	97
71) Phenanthrene	11.37	178	2072928	42.618 ng	100
72) Anthracene	11.42	178	2128307	43.053 ng	99
73) Carbazole	11.57	167	1976120	40.386 ng	99
74) Di-n-butylphthalate	11.91	149	2449296	46.793 ng	100
75) Fluoranthene	12.56	202	2280608	43.325 ng	99
77) Benzidine	12.68	184	1352407	46.795 ng	98
78) Pyrene	12.79	202	2256978	40.270 ng	99
80) Butylbenzylphthalate	13.41	149	1031456	45.503 ng	99
81) Benzo(a)anthracene	13.98	228	1797706	40.481 ng	100
82) 3,3'-Dichlorobenzidine	13.94	252	493294	28.172 ng	100
83) Chrysene	14.02	228	1908554	41.643 ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1347740	49.875 ng	99
85) Di-n-octyl phthalate	14.58	149	2452565	51.607 ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	2097966	48.604 ng	99
88) Benzo(b)fluoranthene	15.02	252	2005424	40.564 ng	98
89) Benzo(k)fluoranthene	15.05	252	1906733	40.504 ng	98
90) Benzo(a)pyrene	15.39	252	1829592	40.722 ng	98
91) Dibenzo(a,h)anthracene	16.92	278	1719840	43.764 ng	97
92) Benzo(g,h,i)perylene	17.34	276	1710300	43.321 ng	98

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

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