Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
Data File : BF115647.D
Acq On : 18 Jul 2019 15:05
Operator : HP/JU
Sample : PB121479BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121479BS

Manual Integrations APPROVED
mohammad
7/19/2019 3:58:19 PM

Quant Time: Jul 18 17:11:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	198786	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	767492	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	404625	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	771337	20.00	ng		0.00
76) Chrysene-d12	14.04	240	509851	20.00	ng		-0.01
87) Perylene-d12	15.50	264	345844	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1207034	99.32	ng		0.02
7) Phenol-d6	6.52	99	1595374	103.46	ng		0.00
23) Nitrobenzene-d5	7.45	82	1045541	79.21	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	499516	105.76	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1779718	76.99	ng		-0.01
79) Terphenyl-d14	12.99	244	1862428	67.40	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	234754	38.725	ng		97
3) Pyridine	3.53	79	459796	27.956	ng		99
4) n-Nitrosodimethylamine	3.47	42	214047	35.874	ng		94
6) Aniline	6.55	93	477896	22.269	ng		100
8) 2-Chlorophenol	6.67	128	513834	36.775	ng		98
9) Benzaldehyde	6.43	77	47870	4.968	ng		98
10) Phenol	6.53	94	619704	34.618	ng		86
11) bis(2-Chloroethyl)ether	6.62	93	495952	36.389	ng		98
12) 1,3-Dichlorobenzene	6.83	146	513066	32.660	ng		100
13) 1,4-Dichlorobenzene	6.90	146	526749	33.606	ng		97
14) 1,2-Dichlorobenzene	7.06	146	497772	34.741	ng		97
15) Benzyl Alcohol	7.03	79	442029	36.135	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	692781	38.610	ng		97
17) 2-Methylphenol	7.14	107	458104	38.045	ng		99
18) Hexachloroethane	7.40	117	201337	34.607	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	366175	36.410	ng		97
20) 3+4-Methylphenols	7.29	107	535607	37.448	ng		94
22) Acetophenone	7.29	105	710505	40.978	ng	#	98
24) Nitrobenzene	7.46	77	570892	40.101	ng		96
25) Isophorone	7.70	82	1063480	40.265	ng		98
26) 2-Nitrophenol	7.78	139	289786	39.546	ng		98
27) 2,4-Dimethylphenol	7.82	122	501933	45.780	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	637454	39.341	ng		99
29) 2,4-Dichlorophenol	8.02	162	433095	37.982	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	459381	35.641	ng		97
31) Naphthalene	8.19	128	1429036	38.446	ng		97
32) Benzoic acid	7.95	122	342740	38.091	ng		96
33) 4-Chloroaniline	8.23	127	381140	23.149	ng		96
34) Hexachlorobutadiene	8.31	225	268111	36.273	ng		99
35) Caprolactam	8.60	113	142138m	40.339	ng		
36) 4-Chloro-3-methylphenol	8.72	107	492020	41.598	ng		99
37) 2-Methylnaphthalene	8.88	142	1023537	41.542	ng		97
38) 1-Methylnaphthalene	8.98	142	952285	40.691	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	447094	36.693	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	341461	49.127 ng	99
43) 2,4,6-Trichlorophenol	9.16	196	311090	34.912 ng	99
44) 2,4,5-Trichlorophenol	9.20	196	329985	36.161 ng	99
46) 1,1'-Biphenyl	9.34	154	1269675	40.137 ng	98
47) 2-Chloronaphthalene	9.37	162	998206	37.898 ng	97
48) 2-Nitroaniline	9.46	65	307045	37.663 ng	98
49) Acenaphthylene	9.79	152	1369512	35.090 ng	97
50) Dimethylphthalate	9.64	163	1148086	37.713 ng	99
51) 2,6-Dinitrotoluene	9.70	165	254041	36.720 ng	99
52) Acenaphthene	9.96	154	1029367	40.852 ng	99
53) 3-Nitroaniline	9.87	138	188170	23.801 ng	95
54) 2,4-Dinitrophenol	9.98	184	258932	72.898 ng	90
55) Dibenzofuran	10.13	168	1332472	37.237 ng	100
56) 4-Nitrophenol	10.03	139	400899	66.498 ng	98
57) 2,4-Dinitrotoluene	10.10	165	355255	39.636 ng	97
58) Fluorene	10.47	166	969477	37.898 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	301713	39.552 ng	99
60) Diethylphthalate	10.34	149	1116432	39.141 ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	507513	35.775 ng	95
62) 4-Nitroaniline	10.48	138	241758	31.879 ng	97
63) Azobenzene	10.62	77	1091014	39.434 ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	169036	35.869 ng	98
66) n-Nitrosodiphenylamine	10.57	169	875052	36.470 ng	99
67) 4-Bromophenyl-phenylether	10.95	248	329435	37.374 ng	97
68) Hexachlorobenzene	11.02	284	356018	35.368 ng	95
69) Atrazine	11.10	200	272979	34.681 ng	98
70) Pentachlorophenol	11.21	266	408670	66.378 ng	99
71) Phenanthrene	11.43	178	1437419	36.355 ng	97
72) Anthracene	11.48	178	1489074	36.442 ng	99
73) Carbazole	11.63	167	1285774	35.883 ng	99
74) Di-n-butylphthalate	11.96	149	1594410	36.124 ng	100
75) Fluoranthene	12.62	202	1501216	35.930 ng	98
77) Benzidine	12.73	184	257248	14.243 ng	99
78) Pyrene	12.85	202	1466528	33.950 ng	98
80) Butylbenzylphthalate	13.46	149	691444	37.549 ng	99
81) Benzo(a)anthracene	14.03	228	1206209	35.911 ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	371223	31.089 ng	99
83) Chrysene	14.07	228	1211504	35.930 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	929573	40.754 ng	99
85) Di-n-octyl phthalate	14.63	149	1445241	39.822 ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	999422	34.888 ng	99
88) Benzo(b)fluoranthene	15.08	252	1069758	48.037 ng	99
89) Benzo(k)fluoranthene	15.11	252	985593	49.641 ng	98
90) Benzo(a)pyrene	15.44	252	896169	46.821 ng	99
91) Dibenzo(a,h)anthracene	17.00	278	847127	50.414 ng	98
92) Benzo(g,h,i)perylene	17.43	276	857477	51.167 ng	100

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

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