Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032720\
Data File : BF119571.D
Acq On : 27 Mar 2020 17:05
Operator : CG/JU
Sample : PB127859BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127859BS

Manual Integrations APPROVED
mohammad
3/31/2020 8:15:08 AM

Quant Time: Mar 28 01:12:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 07:52:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	234070	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	921649	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	494148	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	959568	20.00	ng		0.00
76) Chrysene-d12	14.01	240	681251	20.00	ng		0.00
87) Perylene-d12	15.47	264	598958	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1153306	78.44	ng		0.01
7) Phenol-d6	6.46	99	1487537	79.20	ng		0.00
23) Nitrobenzene-d5	7.40	82	1404241	82.81	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	464343	91.08	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2586429	77.54	ng		0.00
79) Terphenyl-d14	12.96	244	2970920	85.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	280436	38.617	ng		99
3) Pyridine	3.39	79	688700	34.424	ng		95
4) n-Nitrosodimethylamine	3.34	42	406249	41.639	ng		94
6) Aniline	6.49	93	782701	30.193	ng		99
8) 2-Chlorophenol	6.62	128	679543	44.003	ng		99
9) Benzaldehyde	6.38	77	454006	38.103	ng		96
10) Phenol	6.47	94	877868	43.802	ng		100
11) bis(2-Chloroethyl)ether	6.57	93	645983	40.300	ng		97
12) 1,3-Dichlorobenzene	6.77	146	683798	40.911	ng		96
13) 1,4-Dichlorobenzene	6.85	146	696098	41.637	ng		99
14) 1,2-Dichlorobenzene	7.00	146	652190	41.736	ng		98
15) Benzyl Alcohol	6.97	79	587927	41.611	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1231041	38.075	ng		99
17) 2-Methylphenol	7.09	107	550148	38.881	ng		98
18) Hexachloroethane	7.35	117	286638	46.785	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	473614	41.833	ng		97
20) 3+4-Methylphenols	7.23	107	690639	39.828	ng		94
22) Acetophenone	7.25	105	894097	40.599	ng	#	99
24) Nitrobenzene	7.42	77	751150	41.447	ng		98
25) Isophorone	7.66	82	1325881	38.542	ng		99
26) 2-Nitrophenol	7.73	139	364602	51.095	ng		90
27) 2,4-Dimethylphenol	7.77	122	634646	43.012	ng		98
28) bis(2-Chloroethoxy)methane	7.87	93	835531	41.074	ng		100
29) 2,4-Dichlorophenol	7.97	162	569611	42.015	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	599864	40.009	ng		98
31) Naphthalene	8.14	128	1915812	40.393	ng		99
32) Benzoic acid	7.89	122	454177	47.852	ng		97
33) 4-Chloroaniline	8.19	127	473060	21.767	ng		98
34) Hexachlorobutadiene	8.26	225	341672	40.729	ng		99
35) Caprolactam	8.56	113	179458m	40.445	ng		
36) 4-Chloro-3-methylphenol	8.67	107	628999	42.449	ng		96
37) 2-Methylnaphthalene	8.83	142	1322336	42.482	ng		99
38) 1-Methylnaphthalene	8.93	142	1248158	42.364	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	575011	39.700	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	709708	86.190 ng	99
43) 2,4,6-Trichlorophenol	9.11	196	434730	41.942 ng	99
44) 2,4,5-Trichlorophenol	9.15	196	447544	38.544 ng	96
46) 1,1'-Biphenyl	9.30	154	1589903	39.505 ng	99
47) 2-Chloronaphthalene	9.32	162	1245975	39.523 ng	100
48) 2-Nitroaniline	9.42	65	456538	41.956 ng	100
49) Acenaphthylene	9.74	152	2008251	40.566 ng	98
50) Dimethylphthalate	9.60	163	1459719	41.588 ng	99
51) 2,6-Dinitrotoluene	9.66	165	333433	44.320 ng	97
52) Acenaphthene	9.92	154	1338009	43.354 ng	99
53) 3-Nitroaniline	9.83	138	254190	26.762 ng	94
54) 2,4-Dinitrophenol	9.93	184	304507	92.309 ng	91
55) Dibenzofuran	10.09	168	1799100	40.659 ng	99
56) 4-Nitrophenol	9.99	139	575457	76.801 ng	90
57) 2,4-Dinitrotoluene	10.06	165	445904	47.049 ng	99
58) Fluorene	10.43	166	1367726	41.799 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	375237	43.234 ng	98
60) Diethylphthalate	10.30	149	1516836	42.579 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	675941	42.243 ng	98
62) 4-Nitroaniline	10.45	138	355318	39.011 ng	99
63) Azobenzene	10.58	77	1441440	40.181 ng	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	208613	51.846 ng	99
66) n-Nitrosodiphenylamine	10.54	169	1266076	40.191 ng	100
67) 4-Bromophenyl-phenylether	10.91	248	440891	40.344 ng	99
68) Hexachlorobenzene	10.97	284	472143	42.213 ng	100
69) Atrazine	11.07	200	384823	44.560 ng	99
70) Pentachlorophenol	11.17	266	523912	79.886 ng	98
71) Phenanthrene	11.39	178	1963234	39.457 ng	99
72) Anthracene	11.45	178	2066250	40.860 ng	99
73) Carbazole	11.60	167	1893299	37.825 ng	99
74) Di-n-butylphthalate	11.93	149	2373355	44.325 ng	100
75) Fluoranthene	12.58	202	2161212	40.135 ng	100
77) Benzidine	12.70	184	1041792	36.135 ng	99
78) Pyrene	12.81	202	2182809	39.042 ng	100
80) Butylbenzylphthalate	13.43	149	1004598	44.426 ng	99
81) Benzo(a)anthracene	14.00	228	1741302	39.306 ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	463934	26.560 ng	98
83) Chrysene	14.04	228	1761890	38.536 ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1321001	49.005 ng	98
85) Di-n-octyl phthalate	14.60	149	2317605	48.886 ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	1519448	35.287 ng	99
88) Benzo(b)fluoranthene	15.04	252	1740060	43.490 ng	99
89) Benzo(k)fluoranthene	15.07	252	1477886	38.792 ng	99
90) Benzo(a)pyrene	15.41	252	1407331	38.705 ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1272939	40.025 ng	97
92) Benzo(g,h,i)perylene	17.38	276	1261191	39.473 ng	97

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

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