Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119715.D
Acq On : 3 Apr 2020 13:26
Operator : MA/SJ
Sample : PB127977BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127977BS

Manual Integrations APPROVED
mohammad
4/6/2020 1:38:42 PM

Quant Time: Apr 03 14:21:15 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	6.80	152	213012	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	833128	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	423756	20.00	ng		-0.01
64) Phenanthrene-d10	11.34	188	817550	20.00	ng		-0.01
76) Chrysene-d12	13.98	240	616078	20.00	ng		-0.02
87) Perylene-d12	15.43	264	617762	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1531762	114.47	ng		0.01
7) Phenol-d6	6.44	99	1969498	115.22	ng		0.00
23) Nitrobenzene-d5	7.37	82	1188826	77.55	ng		-0.01
42) 2,4,6-Tribromophenol	10.65	330	569126	130.18	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2252090	78.73	ng		-0.01
79) Terphenyl-d14	12.93	244	2611946	83.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	206710	31.278	ng		96
3) Pyridine	3.35	79	572174	31.427	ng		90
4) n-Nitrosodimethylamine	3.30	42	304213	34.263	ng		90
6) Aniline	6.46	93	715017	30.309	ng		99
8) 2-Chlorophenol	6.59	128	621060	44.192	ng		100
9) Benzaldehyde	6.35	77	345507	31.863	ng		99
10) Phenol	6.45	94	785552	43.070	ng		98
11) bis(2-Chloroethyl)ether	6.54	93	590671	40.492	ng		99
12) 1,3-Dichlorobenzene	6.75	146	620624	40.802	ng		99
13) 1,4-Dichlorobenzene	6.82	146	631891	41.533	ng		99
14) 1,2-Dichlorobenzene	6.97	146	587549	41.316	ng		99
15) Benzyl Alcohol	6.95	79	504637	39.247	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1020987	34.700	ng		99
17) 2-Methylphenol	7.06	107	506694	39.350	ng		98
18) Hexachloroethane	7.32	117	232836	41.760	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	408914	39.689	ng		95
20) 3+4-Methylphenols	7.22	107	611498	38.750	ng	#	76
22) Acetophenone	7.22	105	792290	39.799	ng	#	90
24) Nitrobenzene	7.39	77	636363	38.844	ng		99
25) Isophorone	7.63	82	1148669	36.939	ng		99
26) 2-Nitrophenol	7.70	139	331827	51.443	ng		92
27) 2,4-Dimethylphenol	7.75	122	530122	39.746	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	737070	40.084	ng		99
29) 2,4-Dichlorophenol	7.95	162	508974	41.531	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	542898	40.057	ng		97
31) Naphthalene	8.12	128	1741710	40.624	ng		99
32) Benzoic acid	7.87	122	423548	49.366	ng		91
33) 4-Chloroaniline	8.16	127	446389	22.722	ng		98
34) Hexachlorobutadiene	8.23	225	301380	39.744	ng		99
35) Caprolactam	8.53	113	164786m	41.085	ng		
36) 4-Chloro-3-methylphenol	8.65	107	554049	41.364	ng		98
37) 2-Methylnaphthalene	8.80	142	1181210	41.980	ng		99
38) 1-Methylnaphthalene	8.90	142	1129276	42.402	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	496067	39.939	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	601011	85.114 ng		99
43) 2,4,6-Trichlorophenol	9.09	196	376126	42.316 ng		99
44) 2,4,5-Trichlorophenol	9.12	196	405925	40.767 ng		98
46) 1,1'-Biphenyl	9.27	154	1417391	41.068 ng		98
47) 2-Chloronaphthalene	9.30	162	1095073	40.507 ng		98
48) 2-Nitroaniline	9.39	65	396155	42.455 ng		91
49) Acenaphthylene	9.72	152	1741266	41.016 ng		98
50) Dimethylphthalate	9.57	163	1260170	41.867 ng		100
51) 2,6-Dinitrotoluene	9.63	165	290878	45.086 ng		99
52) Acenaphthene	9.89	154	1212594m	45.817 ng		
53) 3-Nitroaniline	9.80	138	221161	27.153 ng		97
54) 2,4-Dinitrophenol	9.91	184	344414	119.430 ng		96
55) Dibenzofuran	10.06	168	1574452	41.492 ng		99
56) 4-Nitrophenol	9.97	139	530999	82.640 ng		93
57) 2,4-Dinitrotoluene	10.04	165	390165	48.006 ng		91
58) Fluorene	10.40	166	1204715	42.933 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	336719	45.241 ng		98
60) Diethylphthalate	10.27	149	1288740	42.186 ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	567597	41.364 ng		98
62) 4-Nitroaniline	10.42	138	326401	41.789 ng		95
63) Azobenzene	10.55	77	1243883	40.434 ng		98
65) 4,6-Dinitro-2-methylphenol	10.45	198	221862	64.717 ng		89
66) n-Nitrosodiphenylamine	10.51	169	1118399	41.671 ng		100
67) 4-Bromophenyl-phenylether	10.88	248	374622	40.235 ng		99
68) Hexachlorobenzene	10.95	284	413401	43.381 ng	#	89
69) Atrazine	11.04	200	335953	45.659 ng		99
70) Pentachlorophenol	11.15	266	475704	85.135 ng		99
71) Phenanthrene	11.36	178	1791914	42.270 ng		99
72) Anthracene	11.42	178	1824031	42.336 ng		99
73) Carbazole	11.57	167	1734691	40.677 ng		98
74) Di-n-butylphthalate	11.90	149	1998737	43.813 ng		100
75) Fluoranthene	12.55	202	1931820	42.107 ng		100
77) Benzidine	12.67	184	962192	36.904 ng		99
78) Pyrene	12.78	202	1988049	39.320 ng		99
80) Butylbenzylphthalate	13.40	149	870621	42.574 ng		97
81) Benzo(a)anthracene	13.97	228	1624302	40.544 ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	463823	29.363 ng		99
83) Chrysene	14.01	228	1653785	39.998 ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1095642	44.945 ng		99
85) Di-n-octyl phthalate	14.57	149	2007276	46.819 ng		97
86) Indeno(1,2,3-cd)pyrene	16.88	276	1580663	40.592 ng		99
88) Benzo(b)fluoranthene	15.02	252	1753340	42.488 ng		100
89) Benzo(k)fluoranthene	15.04	252	1577583	40.148 ng		100
90) Benzo(a)pyrene	15.37	252	1511875	40.314 ng		99
91) Dibenzo(a,h)anthracene	16.90	278	1331798	40.601 ng		100
92) Benzo(g,h,i)perylene	17.32	276	1305155	39.606 ng		97

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

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