Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119433.D
Acq On : 18 Mar 2020 23:51
Operator : CG/JU
Sample : L1949-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-219MS

Manual Integrations APPROVED
mohammad
3/19/2020 2:44:09 PM

Quant Time: Mar 19 08:00:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	348532	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1340610	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	657066	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1150391	20.00	ng		0.00
76) Chrysene-d12	14.03	240	629862	20.00	ng		0.00
87) Perylene-d12	15.50	264	676382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2310926	105.55	ng		0.02
7) Phenol-d6	6.48	99	2984345	106.71	ng		0.00
23) Nitrobenzene-d5	7.42	82	1847606	74.90	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	709061	104.60	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3212540	72.43	ng		0.00
79) Terphenyl-d14	12.97	244	2764345	85.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	382070	35.333	ng		99
3) Pyridine	3.45	79	951669	31.946	ng		98
4) n-Nitrosodimethylamine	3.40	42	578650	39.832	ng		99
6) Aniline	6.52	93	526594	13.642	ng		98
8) 2-Chlorophenol	6.64	128	1019758	44.347	ng		99
9) Benzaldehyde	6.40	77	672386	37.898	ng		98
10) Phenol	6.49	94	1254804	42.047	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	996335	41.744	ng		100
12) 1,3-Dichlorobenzene	6.80	146	1016847	40.858	ng		98
13) 1,4-Dichlorobenzene	6.87	146	1033858	41.531	ng		98
14) 1,2-Dichlorobenzene	7.03	146	961696	41.331	ng		99
15) Benzyl Alcohol	6.99	79	877593	41.714	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1938163	40.258	ng		99
17) 2-Methylphenol	7.10	107	817880	38.820	ng		99
18) Hexachloroethane	7.37	117	391730	42.940	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	699426	41.490	ng		97
20) 3+4-Methylphenols	7.26	107	991573	38.403	ng	#	88
22) Acetophenone	7.27	105	1306729	40.793	ng		99
24) Nitrobenzene	7.44	77	1044340	39.616	ng		98
25) Isophorone	7.68	82	1952505	39.020	ng		99
26) 2-Nitrophenol	7.76	139	497661	47.946	ng		98
27) 2,4-Dimethylphenol	7.79	122	921340	42.928	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	1221020	41.266	ng		99
29) 2,4-Dichlorophenol	7.99	162	803973	40.769	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	871967	39.982	ng		98
31) Naphthalene	8.16	128	2766347	40.098	ng		99
32) Benzoic acid	7.90	122	565218	40.941	ng		99
33) 4-Chloroaniline	8.20	127	188648	5.968	ng		97
34) Hexachlorobutadiene	8.29	225	488611	40.043	ng		98
35) Caprolactam	8.58	113	239999m	37.186	ng		
36) 4-Chloro-3-methylphenol	8.69	107	846809	39.288	ng		98
37) 2-Methylnaphthalene	8.86	142	1843119	40.708	ng		100
38) 1-Methylnaphthalene	8.96	142	1751360	40.867	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	778989	40.448	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	736927	67.305	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	578097	41.945	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	565653	36.637	ng		97
46) 1,1'-Biphenyl	9.32	154	2155023	40.270	ng		100
47) 2-Chloronaphthalene	9.35	162	1659254	39.583	ng		99
48) 2-Nitroaniline	9.44	65	591321	40.869	ng		100
49) Acenaphthylene	9.76	152	2627068	39.908	ng		99
50) Dimethylphthalate	9.63	163	2408223	51.599	ng		99
51) 2,6-Dinitrotoluene	9.69	165	425395	42.523	ng	#	83
52) Acenaphthene	9.94	154	1620217	39.481	ng		98
53) 3-Nitroaniline	9.85	138	165032	13.067	ng		98
54) 2,4-Dinitrophenol	9.95	184	166327	42.205	ng		97
55) Dibenzofuran	10.11	168	2319595	39.424	ng		100
56) 4-Nitrophenol	10.01	139	723966	72.665	ng		98
57) 2,4-Dinitrotoluene	10.09	165	550338	43.670	ng		89
58) Fluorene	10.45	166	1692741	38.905	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	468048	40.556	ng		99
60) Diethylphthalate	10.33	149	1935681	40.864	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	824696	38.760	ng		98
62) 4-Nitroaniline	10.46	138	361424	29.843	ng		99
63) Azobenzene	10.60	77	1866249	39.124	ng		97
65) 4,6-Dinitro-2-methylphenol	10.49	198	132961	27.563	ng		95
66) n-Nitrosodiphenylamine	10.56	169	1600242	42.373	ng		98
67) 4-Bromophenyl-phenylether	10.93	248	539372	41.169	ng		98
68) Hexachlorobenzene	11.00	284	561747	41.893	ng		100
69) Atrazine	11.09	200	454571	43.905	ng		97
70) Pentachlorophenol	11.19	266	572410	72.803	ng		97
71) Phenanthrene	11.42	178	2372209	39.768	ng		100
72) Anthracene	11.47	178	2457776	40.540	ng		99
73) Carbazole	11.62	167	2211820	36.859	ng		98
74) Di-n-butylphthalate	11.96	149	2784523	43.378	ng		99
75) Fluoranthene	12.60	202	2311048	35.799	ng		99
77) Benzidine	12.72	184	778826	29.218	ng		97
78) Pyrene	12.83	202	2275176	44.014	ng		100
80) Butylbenzylphthalate	13.46	149	1007780	48.203	ng		94
81) Benzo(a)anthracene	14.02	228	1656693	40.448	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	450519	27.896	ng		97
83) Chrysene	14.06	228	1666509	39.424	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1241785	49.825	ng		99
85) Di-n-octyl phthalate	14.63	149	2129738	48.588	ng		99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1921315	48.261	ng		100
88) Benzo(b)fluoranthene	15.07	252	1755828	38.861	ng		98
89) Benzo(k)fluoranthene	15.10	252	1643508	38.201	ng		97
90) Benzo(a)pyrene	15.44	252	1594384	38.830	ng		97
91) Dibenzo(a,h)anthracene	17.00	278	1580488	44.007	ng		99
92) Benzo(g,h,i)perylene	17.42	276	1594428	44.190	ng		99

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

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