Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119557.D
Acq On : 27 Mar 2020 9:36
Operator : CG/JU
Sample : L2037-01MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-C4-D4-C4A-D4AMSD

Manual Integrations APPROVED
mohammad
3/30/2020 8:51:05 AM

Quant Time: Mar 27 10:38:52 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	297793	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	1163755	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	619145	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	1189503	20.00	ng		0.00
76) Chrysene-d12	14.02	240	810734	20.00	ng		0.00
87) Perylene-d12	15.47	264	724109	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	2068859	110.59	ng		0.02
7) Phenol-d6	6.47	99	2711353	113.46	ng		0.00
23) Nitrobenzene-d5	7.40	82	1727841	80.69	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	832705	130.36	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	3223615	77.13	ng		0.00
79) Terphenyl-d14	12.96	244	3637107	87.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	305538	33.070	ng		98
3) Pyridine	3.38	79	850013	33.395	ng		99
4) n-Nitrosodimethylamine	3.34	42	487031	39.237	ng		98
6) Aniline	6.50	93	1086160	32.933	ng		98
8) 2-Chlorophenol	6.62	128	949249	48.314	ng		97
9) Benzaldehyde	6.38	77	584705	38.571	ng		94
10) Phenol	6.48	94	1222349	47.939	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	899795	44.122	ng		98
12) 1,3-Dichlorobenzene	6.77	146	940025	44.206	ng		96
13) 1,4-Dichlorobenzene	6.85	146	949377	44.635	ng		97
14) 1,2-Dichlorobenzene	7.01	146	890879	44.811	ng		99
15) Benzyl Alcohol	6.97	79	814180	45.294	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1717479	41.753	ng		100
17) 2-Methylphenol	7.09	107	775060	43.055	ng		99
18) Hexachloroethane	7.35	117	363108	46.584	ng		98
19) n-Nitroso-di-n-propylamine	7.26	70	668710	46.427	ng		99
20) 3+4-Methylphenols	7.24	107	930661	42.185	ng		90
22) Acetophenone	7.25	105	1229354	44.209	ng	#	87
24) Nitrobenzene	7.42	77	995014	43.481	ng		97
25) Isophorone	7.66	82	1883110	43.353	ng		100
26) 2-Nitrophenol	7.73	139	513896	57.034	ng		96
27) 2,4-Dimethylphenol	7.77	122	843173	45.256	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	1178790	45.893	ng		98
29) 2,4-Dichlorophenol	7.97	162	799076	46.678	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	840360	44.389	ng		99
31) Naphthalene	8.15	128	2618405	43.722	ng		100
32) Benzoic acid	7.91	122	679111	56.666	ng		98
33) 4-Chloroaniline	8.19	127	451668	16.459	ng		98
34) Hexachlorobutadiene	8.26	225	482187	45.522	ng		99
35) Caprolactam	8.57	113	286538m	51.144	ng		
36) 4-Chloro-3-methylphenol	8.67	107	870201	46.509	ng		98
37) 2-Methylnaphthalene	8.84	142	1833274	46.643	ng		99
38) 1-Methylnaphthalene	8.94	142	1749838	47.036	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	787920	43.417	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	940330	91.142	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	608253	46.836	ng		100
44) 2,4,5-Trichlorophenol	9.15	196	637278	43.804	ng		97
46) 1,1'-Biphenyl	9.30	154	2173444	43.101	ng		99
47) 2-Chloronaphthalene	9.33	162	1714785	43.413	ng		99
48) 2-Nitroaniline	9.42	65	640518	46.980	ng		99
49) Acenaphthylene	9.75	152	2669198	43.032	ng		100
50) Dimethylphthalate	9.61	163	2157961	49.069	ng		99
51) 2,6-Dinitrotoluene	9.67	165	463176	49.136	ng		100
52) Acenaphthene	9.92	154	1707061	44.145	ng		98
53) 3-Nitroaniline	9.83	138	292624	24.589	ng		93
54) 2,4-Dinitrophenol	9.94	184	487613	115.951	ng	#	87
55) Dibenzofuran	10.09	168	2411093	43.489	ng		100
56) 4-Nitrophenol	10.00	139	828301	88.229	ng		98
57) 2,4-Dinitrotoluene	10.07	165	624196	52.565	ng		90
58) Fluorene	10.43	166	1857419	45.304	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	531164	48.844	ng		99
60) Diethylphthalate	10.31	149	2108041	47.228	ng		100
61) 4-Chlorophenyl-phenylether	10.42	204	905502	45.164	ng		96
62) 4-Nitroaniline	10.46	138	500650	43.870	ng		99
63) Azobenzene	10.59	77	1998319	44.458	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	326733	65.505	ng		92
66) n-Nitrosodiphenylamine	10.55	169	1744662	44.678	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	604133	44.596	ng		98
68) Hexachlorobenzene	10.98	284	652078	47.030	ng		96
69) Atrazine	11.07	200	532613	49.752	ng		99
70) Pentachlorophenol	11.17	266	733616	90.238	ng		98
71) Phenanthrene	11.40	178	2685732	43.544	ng		99
72) Anthracene	11.45	178	2761294	44.049	ng		100
73) Carbazole	11.60	167	2599223	41.891	ng		99
74) Di-n-butylphthalate	11.93	149	3224892	48.586	ng		98
75) Fluoranthene	12.59	202	2906568	43.543	ng		99
77) Benzidine	12.70	184	1502260	43.784	ng		99
78) Pyrene	12.82	202	2913475	43.788	ng		99
80) Butylbenzylphthalate	13.43	149	1393121	51.768	ng		95
81) Benzo(a)anthracene	14.00	228	2233206	42.359	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	481124	23.145	ng		98
83) Chrysene	14.04	228	2330052	42.824	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1789052	55.768	ng		98
85) Di-n-octyl phthalate	14.61	149	3046405	53.996	ng		100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2090817	40.802	ng		99
88) Benzo(b)fluoranthene	15.05	252	2155963	44.572	ng		99
89) Benzo(k)fluoranthene	15.08	252	2076560	45.085	ng		100
90) Benzo(a)pyrene	15.42	252	1887701	42.943	ng		98
91) Dibenzo(a,h)anthracene	16.97	278	1718892	44.706	ng		98
92) Benzo(g,h,i)perylene	17.39	276	1747427	45.239	ng		98

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

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