Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119515.D
Acq On : 25 Mar 2020 21:02
Operator : CG/JU
Sample : L2028-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30-(8-8.5)MSD

Manual Integrations APPROVED
mohammad
3/27/2020 8:12:05 AM

Quant Time: Mar 26 03:25:31 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	6.85	152	362993	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1442694	20.00	ng		-0.01
39) Acenaphthene-d10	9.89	164	768335	20.00	ng		-0.01
64) Phenanthrene-d10	11.38	188	1489403	20.00	ng		-0.01
76) Chrysene-d12	14.03	240	1004393	20.00	ng		0.00
87) Perylene-d12	15.49	264	930866	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1845626	80.94	ng		0.00
7) Phenol-d6	6.47	99	2465703	84.65	ng		0.00
23) Nitrobenzene-d5	7.41	82	1571963	59.22	ng		-0.01
42) 2,4,6-Tribromophenol	10.69	330	781947	98.65	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	3032568	58.47	ng		-0.01
79) Terphenyl-d14	12.97	244	3396319	66.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	372535	33.079	ng		99
3) Pyridine	3.39	79	1051033	33.876	ng		98
4) n-Nitrosodimethylamine	3.35	42	625276	41.327	ng	#	98
6) Aniline	6.50	93	1456914	36.240	ng		99
8) 2-Chlorophenol	6.63	128	1232858	51.478	ng		98
9) Benzaldehyde	6.39	77	758001	41.021	ng		99
10) Phenol	6.49	94	1579834	50.830	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	1170500	47.087	ng		97
12) 1,3-Dichlorobenzene	6.79	146	1200487	46.315	ng		99
13) 1,4-Dichlorobenzene	6.86	146	1213818	46.818	ng		99
14) 1,2-Dichlorobenzene	7.02	146	1151272	47.507	ng		99
15) Benzyl Alcohol	6.99	79	1059787	48.368	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	2262014	45.114	ng		97
17) 2-Methylphenol	7.10	107	1017935	46.390	ng		98
18) Hexachloroethane	7.36	117	470882	49.560	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	880135	50.130	ng		96
20) 3+4-Methylphenols	7.25	107	1219691m	45.356	ng		
22) Acetophenone	7.26	105	1595261	46.276	ng	#	89
24) Nitrobenzene	7.43	77	1306610	46.058	ng		99
25) Isophorone	7.67	82	2511669	46.643	ng		98
26) 2-Nitrophenol	7.75	139	670742	60.049	ng		97
27) 2,4-Dimethylphenol	7.79	122	1151414	49.852	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	1563885	49.113	ng		99
29) 2,4-Dichlorophenol	7.99	162	1054089	49.670	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	1099183	46.834	ng		99
31) Naphthalene	8.16	128	3316610	44.673	ng		98
32) Benzoic acid	7.92	122	928514	62.496	ng		98
33) 4-Chloroaniline	8.20	127	632604	18.595	ng		99
34) Hexachlorobutadiene	8.27	225	635554	48.400	ng		99
35) Caprolactam	8.59	113	386328m	55.623	ng		
36) 4-Chloro-3-methylphenol	8.69	107	1169594	50.425	ng		98
37) 2-Methylnaphthalene	8.85	142	2386688	48.983	ng		99
38) 1-Methylnaphthalene	8.95	142	2261538	49.037	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	1011359	44.908	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1241498	96.968	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	800953	49.699	ng		100
44) 2,4,5-Trichlorophenol	9.16	196	841361	46.603	ng		96
46) 1,1'-Biphenyl	9.32	154	2814815	44.981	ng		98
47) 2-Chloronaphthalene	9.34	162	2233795	45.572	ng		99
48) 2-Nitroaniline	9.43	65	852652	50.396	ng		98
49) Acenaphthylene	9.76	152	3479035	45.197	ng		98
50) Dimethylphthalate	9.62	163	3098739	56.779	ng		98
51) 2,6-Dinitrotoluene	9.68	165	624524	53.388	ng		86
52) Acenaphthene	9.93	154	2241935	46.719	ng		99
53) 3-Nitroaniline	9.85	138	394471	26.711	ng		96
54) 2,4-Dinitrophenol	9.95	184	661259	126.036	ng		94
55) Dibenzofuran	10.10	168	3141230	45.656	ng		99
56) 4-Nitrophenol	10.01	139	1076593	92.409	ng		89
57) 2,4-Dinitrotoluene	10.09	165	819634	55.621	ng		96
58) Fluorene	10.45	166	2412357	47.415	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	710622	52.658	ng		98
60) Diethylphthalate	10.32	149	2810118	50.733	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	1192699	47.938	ng		98
62) 4-Nitroaniline	10.47	138	672706	47.501	ng		99
63) Azobenzene	10.60	77	2661121	47.708	ng		96
65) 4,6-Dinitro-2-methylphenol	10.49	198	432562	69.260	ng		93
66) n-Nitrosodiphenylamine	10.56	169	2307958	47.203	ng		97
67) 4-Bromophenyl-phenylether	10.93	248	810034	47.755	ng		96
68) Hexachlorobenzene	10.99	284	858850	49.471	ng		95
69) Atrazine	11.09	200	709659	52.942	ng		99
70) Pentachlorophenol	11.19	266	970380	95.327	ng		98
71) Phenanthrene	11.41	178	3437305	44.508	ng		98
72) Anthracene	11.46	178	3558830	45.340	ng		98
73) Carbazole	11.61	167	3355995	43.197	ng		97
74) Di-n-butylphthalate	11.94	149	4252983	51.174	ng	#	96
75) Fluoranthene	12.60	202	3684721	44.086	ng		98
77) Benzidine	12.72	184	2253296	53.011	ng		99
78) Pyrene	12.83	202	3698338	44.867	ng		98
80) Butylbenzylphthalate	13.44	149	1928248	57.837	ng		98
81) Benzo(a)anthracene	14.02	228	2880480	44.102	ng		98
82) 3,3'-Dichlorobenzidine	13.97	252	867366	33.681	ng		98
83) Chrysene	14.06	228	3014405	44.720	ng		98
84) Bis(2-ethylhexyl)phthalate	14.01	149	2440541	61.408	ng		98
85) Di-n-octyl phthalate	14.62	149	4337867	62.061	ng	#	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2710048	42.689	ng		97
88) Benzo(b)fluoranthene	15.06	252	3198338	51.435	ng		99
89) Benzo(k)fluoranthene	15.10	252	2712327	45.809	ng		99
90) Benzo(a)pyrene	15.43	252	2585554	45.754	ng		97
91) Dibenzo(a,h)anthracene	16.99	278	2231169	45.140	ng		98
92) Benzo(g,h,i)perylene	17.41	276	2187824	44.060	ng		96

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

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