Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119492.D
Acq On : 24 Mar 2020 17:43
Operator : CG/JU
Sample : L2020-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 5TH-STREET-SUBMSD

Manual Integrations APPROVED
mohammad
3/25/2020 12:29:32 PM

Quant Time: Mar 24 18:16:11 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	288284	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1115939	20.00	ng		-0.01
39) Acenaphthene-d10	9.89	164	570035	20.00	ng		-0.01
64) Phenanthrene-d10	11.38	188	1125645	20.00	ng		-0.01
76) Chrysene-d12	14.02	240	798048	20.00	ng		-0.01
87) Perylene-d12	15.49	264	726383	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1925046	106.30	ng		0.00
7) Phenol-d6	6.47	99	2502728	108.19	ng		0.00
23) Nitrobenzene-d5	7.41	82	1559785	75.96	ng		-0.01
42) 2,4,6-Tribromophenol	10.68	330	708672	120.51	ng		-0.01
45) 2-Fluorobiphenyl	9.21	172	2843453	73.90	ng		-0.01
79) Terphenyl-d14	12.97	244	3197470	78.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	364800	40.787	ng		99
3) Pyridine	3.40	79	983161	39.900	ng		98
4) n-Nitrosodimethylamine	3.36	42	537726	44.750	ng	#	97
6) Aniline	6.50	93	783155	24.529	ng		100
8) 2-Chlorophenol	6.63	128	993821	52.251	ng		99
9) Benzaldehyde	6.39	77	633410	43.162	ng		99
10) Phenol	6.49	94	1243246	50.367	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	939456	47.587	ng		98
12) 1,3-Dichlorobenzene	6.79	146	997963	48.479	ng		99
13) 1,4-Dichlorobenzene	6.86	146	1013715	49.232	ng		99
14) 1,2-Dichlorobenzene	7.02	146	942387	48.965	ng		99
15) Benzyl Alcohol	6.99	79	836188	48.053	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1805713	45.346	ng		98
17) 2-Methylphenol	7.10	107	794377	45.584	ng		98
18) Hexachloroethane	7.36	117	385035	51.027	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	673785	48.322	ng		97
20) 3+4-Methylphenols	7.25	107	947790	44.378	ng	#	83
22) Acetophenone	7.26	105	1264738	47.431	ng		96
24) Nitrobenzene	7.43	77	1027426	46.821	ng		97
25) Isophorone	7.67	82	1898311	45.575	ng		98
26) 2-Nitrophenol	7.75	139	524896	60.751	ng		99
27) 2,4-Dimethylphenol	7.78	122	878550	49.176	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	1177764	47.818	ng		98
29) 2,4-Dichlorophenol	7.99	162	799882	48.727	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	871929	48.030	ng		97
31) Naphthalene	8.15	128	2714744	47.273	ng		98
32) Benzoic acid	7.91	122	666565	58.002	ng		96
33) 4-Chloroaniline	8.20	127	245229	9.319	ng		97
34) Hexachlorobutadiene	8.27	225	502777	49.499	ng		100
35) Caprolactam	8.57	113	264073m	49.154	ng		
36) 4-Chloro-3-methylphenol	8.68	107	879298	49.009	ng		98
37) 2-Methylnaphthalene	8.85	142	1860795	49.372	ng		99
38) 1-Methylnaphthalene	8.95	142	1769248	49.596	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	786699	47.085	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1009343	106.260 ng	97
43) 2,4,6-Trichlorophenol	9.12	196	607777	50.831 ng	98
44) 2,4,5-Trichlorophenol	9.16	196	617414	46.095 ng	98
46) 1,1'-Biphenyl	9.31	154	2171595	46.775 ng	100
47) 2-Chloronaphthalene	9.34	162	1687945	46.415 ng	98
48) 2-Nitroaniline	9.43	65	633580	50.475 ng	97
49) Acenaphthylene	9.76	152	2699326	47.267 ng	99
50) Dimethylphthalate	9.62	163	2370009	58.533 ng	99
51) 2,6-Dinitrotoluene	9.67	165	451417	52.014 ng	91
52) Acenaphthene	9.93	154	1901727	53.416 ng	99
53) 3-Nitroaniline	9.84	138	222706	20.326 ng	96
54) 2,4-Dinitrophenol	9.95	184	505365	129.611 ng	86
55) Dibenzofuran	10.10	168	2422135	47.452 ng	98
56) 4-Nitrophenol	10.00	139	806564	93.315 ng	89
57) 2,4-Dinitrotoluene	10.08	165	606035	55.432 ng	97
58) Fluorene	10.45	166	1835820	48.635 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	520910	52.028 ng	98
60) Diethylphthalate	10.32	149	2048518	49.849 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	886127	48.006 ng	100
62) 4-Nitroaniline	10.46	138	494798	47.093 ng	97
63) Azobenzene	10.59	77	1963073	47.437 ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	321109	68.030 ng	93
66) n-Nitrosodiphenylamine	10.55	169	1717191	46.469 ng	98
67) 4-Bromophenyl-phenylether	10.92	248	589434	45.979 ng	98
68) Hexachlorobenzene	10.99	284	632146	48.179 ng	93
69) Atrazine	11.08	200	512785	50.617 ng	98
70) Pentachlorophenol	11.18	266	737821	95.904 ng	98
71) Phenanthrene	11.40	178	2669842	45.742 ng	99
72) Anthracene	11.46	178	2761833	46.557 ng	99
73) Carbazole	11.61	167	2570704	43.782 ng	98
74) Di-n-butylphthalate	11.94	149	3106689	49.461 ng	98
75) Fluoranthene	12.59	202	2936265	46.484 ng	99
77) Benzidine	12.72	184	1425116	42.196 ng	98
78) Pyrene	12.82	202	3002991	45.851 ng	100
80) Butylbenzylphthalate	13.44	149	1386259	52.332 ng	99
81) Benzo(a)anthracene	14.02	228	2337431	45.041 ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	450646	22.024 ng	96
83) Chrysene	14.05	228	2412561	45.045 ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	1710676	54.173 ng	100
85) Di-n-octyl phthalate	14.62	149	2977030	53.605 ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2030392	40.252 ng	98
88) Benzo(b)fluoranthene	15.06	252	2317871	47.769 ng	99
89) Benzo(k)fluoranthene	15.09	252	2231013	48.287 ng	99
90) Benzo(a)pyrene	15.43	252	2034979	46.148 ng	98
91) Dibenzo(a,h)anthracene	16.98	278	1705679	44.223 ng	98
92) Benzo(g,h,i)perylene	17.40	276	1635354	42.205 ng	96

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

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