Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119491.D
Acq On : 24 Mar 2020 17:05
Operator : CG/JU
Sample : L2020-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
5TH-STREET-SUBMS

Manual Integrations APPROVED
mohammad
3/25/2020 12:29:54 PM

Quant Time: Mar 24 17:42:29 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	330116	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1257794	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	655123	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1261863	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	912698	20.00	ng	-0.01
87) Perylene-d12	15.49	264	897433	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1982891	95.62	ng	0.01
7) Phenol-d6	6.47	99	2573930	97.17	ng	0.00
23) Nitrobenzene-d5	7.41	82	1615946	69.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	744802	110.20	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3002931	67.91	ng	-0.01
79) Terphenyl-d14	12.97	244	3373334	72.41	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	390942	38.171	ng	98
3) Pyridine	3.44	79	1046610	37.093	ng	98
4) n-Nitrosodimethylamine	3.39	42	574846	41.777	ng	99
6) Aniline	6.50	93	845364	23.122	ng	100
8) 2-Chlorophenol	6.63	128	1048431	48.138	ng	98
9) Benzaldehyde	6.39	77	675639	40.206	ng	99
10) Phenol	6.49	94	1317357	46.606	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	1000487	44.256	ng	99
12) 1,3-Dichlorobenzene	6.79	146	1056215	44.807	ng	99
13) 1,4-Dichlorobenzene	6.86	146	1066565	45.235	ng	100
14) 1,2-Dichlorobenzene	7.02	146	997272	45.251	ng	99
15) Benzyl Alcohol	6.99	79	882314	44.278	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1892277	41.498	ng	98
17) 2-Methylphenol	7.10	107	850874	42.639	ng	98
18) Hexachloroethane	7.36	117	408195	47.241	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	714737	44.763	ng	98
20) 3+4-Methylphenols	7.25	107	1014313m	41.475	ng	
22) Acetophenone	7.26	105	1339765	44.578	ng	96
24) Nitrobenzene	7.43	77	1089531	44.052	ng	98
25) Isophorone	7.67	82	2003413	42.674	ng	99
26) 2-Nitrophenol	7.75	139	546396	56.107	ng	99
27) 2,4-Dimethylphenol	7.78	122	943774	46.869	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1259336	45.363	ng	99
29) 2,4-Dichlorophenol	7.99	162	852247	46.062	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	921151	45.018	ng	97
31) Naphthalene	8.15	128	2870118	44.342	ng	99
32) Benzoic acid	7.91	122	711029	54.893	ng	96
33) 4-Chloroaniline	8.20	127	323423	10.905	ng	96
34) Hexachlorobutadiene	8.27	225	527229	46.053	ng	100
35) Caprolactam	8.57	113	275328m	45.469	ng	
36) 4-Chloro-3-methylphenol	8.68	107	942476	46.606	ng	97
37) 2-Methylnaphthalene	8.85	142	1959936	46.138	ng	99
38) 1-Methylnaphthalene	8.95	142	1867651	46.450	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	836251	43.550	ng	99

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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)
41) Hexachlorocyclopentadiene	9.00	237	1041210	95.378 ng	100
43) 2,4,6-Trichlorophenol	9.12	196	667512	48.576 ng	98
44) 2,4,5-Trichlorophenol	9.16	196	648865	42.151 ng	98
46) 1,1'-Biphenyl	9.31	154	2324738	43.570 ng	99
47) 2-Chloronaphthalene	9.34	162	1791864	42.873 ng	98
48) 2-Nitroaniline	9.43	65	680991	47.206 ng	98
49) Acenaphthylene	9.76	152	2856007	43.515 ng	99
50) Dimethylphthalate	9.62	163	2521998	54.197 ng	99
51) 2,6-Dinitrotoluene	9.67	165	482764	48.401 ng	92
52) Acenaphthene	9.93	154	2021862	49.414 ng	99
53) 3-Nitroaniline	9.84	138	263694	20.941 ng	96
54) 2,4-Dinitrophenol	9.95	184	534301	119.817 ng	93
55) Dibenzofuran	10.10	168	2562448	43.680 ng	98
56) 4-Nitrophenol	10.00	139	892845	89.881 ng	88
57) 2,4-Dinitrotoluene	10.08	165	640820	51.001 ng	95
58) Fluorene	10.45	166	1950027	44.951 ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	562694	48.902 ng	98
60) Diethylphthalate	10.32	149	2164039	45.820 ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	950739	44.816 ng	98
62) 4-Nitroaniline	10.46	138	530197	43.908 ng	98
63) Azobenzene	10.59	77	2098662	44.126 ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	348728	65.906 ng	95
66) n-Nitrosodiphenylamine	10.55	169	1824131	44.035 ng	98
67) 4-Bromophenyl-phenylether	10.92	248	629781	43.823 ng	98
68) Hexachlorobenzene	10.99	284	684392	46.531 ng	92
69) Atrazine	11.08	200	536524	47.243 ng	100
70) Pentachlorophenol	11.18	266	781385	90.602 ng	98
71) Phenanthrene	11.40	178	2860459	43.717 ng	99
72) Anthracene	11.46	178	2930602	44.069 ng	99
73) Carbazole	11.61	167	2773167	42.131 ng	98
74) Di-n-butylphthalate	11.95	149	3286393	46.674 ng	98
75) Fluoranthene	12.59	202	3123693	44.113 ng	99
77) Benzidine	12.72	184	1597592	41.361 ng	98
78) Pyrene	12.82	202	3108117	41.495 ng	99
80) Butylbenzylphthalate	13.44	149	1483130	48.956 ng	100
81) Benzo(a)anthracene	14.02	228	2515565	42.384 ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	570084	24.361 ng	97
83) Chrysene	14.05	228	2621014	42.790 ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1853866	51.333 ng	99
85) Di-n-octyl phthalate	14.62	149	3299802	51.953 ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2458918	42.624 ng	98
88) Benzo(b)fluoranthene	15.06	252	2841252	47.395 ng	100
89) Benzo(k)fluoranthene	15.10	252	2305605	40.390 ng	98
90) Benzo(a)pyrene	15.43	252	2328222	42.735 ng	97
91) Dibenzo(a,h)anthracene	16.98	278	2056105	43.148 ng	99
92) Benzo(g,h,i)perylene	17.41	276	2033098	42.469 ng	97

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

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