Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119519.D
Acq On : 25 Mar 2020 23:56
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/27/2020 8:12:14 AM

Quant Time: Mar 26 04:57:25 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	413961	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1507581	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	788823	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1478237	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	962093	20.00	ng	-0.01
87) Perylene-d12	15.49	264	808574	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1940655	74.63	ng	0.00
7) Phenol-d6	6.47	99	2535131	76.32	ng	0.00
23) Nitrobenzene-d5	7.42	82	2364624	85.24	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	763317	93.80	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	4131394	77.59	ng	0.00
79) Terphenyl-d14	12.97	244	4348172	88.55	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.59	88	447321	34.829	ng	99
3) Pyridine	3.33	79	1206244	34.092	ng	98
4) n-Nitrosodimethylamine	3.29	42	601120	34.838	ng	98
6) Aniline	6.51	93	1729487	37.723	ng	99
8) 2-Chlorophenol	6.63	128	1104738	40.449	ng	97
9) Benzaldehyde	6.39	77	774472	36.752	ng	98
10) Phenol	6.49	94	1436452	40.526	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	1138909	40.175	ng	95
12) 1,3-Dichlorobenzene	6.79	146	1205694	40.789	ng	99
13) 1,4-Dichlorobenzene	6.86	146	1192050	40.317	ng	99
14) 1,2-Dichlorobenzene	7.02	146	1113231	40.281	ng	98
15) Benzyl Alcohol	6.99	79	983453	39.358	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	2235166	39.090	ng	97
17) 2-Methylphenol	7.09	107	998138	39.888	ng	97
18) Hexachloroethane	7.36	117	472647	43.621	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	825769	41.242	ng	97
20) 3+4-Methylphenols	7.25	107	1183121	38.579	ng	90
22) Acetophenone	7.26	105	1437477	39.904	ng	98
24) Nitrobenzene	7.43	77	1208994	40.783	ng	97
25) Isophorone	7.67	82	2347633	41.721	ng	97
26) 2-Nitrophenol	7.75	139	606748	51.982	ng	98
27) 2,4-Dimethylphenol	7.78	122	927200	38.417	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	1402303	42.144	ng	99
29) 2,4-Dichlorophenol	7.99	162	953649	43.003	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	1054594	43.000	ng	99
31) Naphthalene	8.16	128	3110955	40.099	ng	99
32) Benzoic acid	7.92	122	822916	53.005	ng	96
33) 4-Chloroaniline	8.20	127	1407205	39.584	ng	99
34) Hexachlorobutadiene	8.27	225	626840	45.681	ng	99
35) Caprolactam	8.59	113	293181m	40.395	ng	
36) 4-Chloro-3-methylphenol	8.68	107	1016767	41.949	ng	96
37) 2-Methylnaphthalene	8.85	142	2134584	41.923	ng	99
38) 1-Methylnaphthalene	8.95	142	2018423	41.882	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	991744	42.894	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	520544	39.601 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	719520	43.486 ng	97
44) 2,4,5-Trichlorophenol	9.16	196	799187	43.117 ng	99
46) 1,1'-Biphenyl	9.32	154	2625849	40.872 ng	99
47) 2-Chloronaphthalene	9.34	162	2041115	40.559 ng	98
48) 2-Nitroaniline	9.43	65	765809	44.088 ng	93
49) Acenaphthylene	9.76	152	3089430	39.093 ng	99
50) Dimethylphthalate	9.62	163	2392793	42.705 ng	99
51) 2,6-Dinitrotoluene	9.67	165	546132	45.474 ng	96
52) Acenaphthene	9.93	154	2040605	41.419 ng	99
53) 3-Nitroaniline	9.85	138	613666	40.474 ng	98
54) 2,4-Dinitrophenol	9.95	184	265401	53.702 ng	96
55) Dibenzofuran	10.10	168	2810838	39.793 ng	96
56) 4-Nitrophenol	10.00	139	474067	39.635 ng	96
57) 2,4-Dinitrotoluene	10.08	165	708820	46.851 ng	96
58) Fluorene	10.45	166	2112671	40.446 ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	631772	45.599 ng	99
60) Diethylphthalate	10.32	149	2508861	44.118 ng	98
61) 4-Chlorophenyl-phenylether	10.43	204	1089477	42.652 ng	98
62) 4-Nitroaniline	10.46	138	600054	41.271 ng	100
63) Azobenzene	10.59	77	2349827	41.033 ng	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	349978	56.460 ng	88
66) n-Nitrosodiphenylamine	10.56	169	2005667	41.330 ng	98
67) 4-Bromophenyl-phenylether	10.93	248	752929	44.723 ng	93
68) Hexachlorobenzene	10.99	284	757536	43.965 ng	93
69) Atrazine	11.08	200	594093	44.655 ng	100
70) Pentachlorophenol	11.18	266	458213	45.353 ng	97
71) Phenanthrene	11.40	178	3037379	39.626 ng	98
72) Anthracene	11.46	178	3062892	39.317 ng	99
73) Carbazole	11.61	167	2935900	38.075 ng	98
74) Di-n-butylphthalate	11.94	149	3783491	45.868 ng	97
75) Fluoranthene	12.59	202	3231851	38.960 ng	99
77) Benzidine	12.71	184	1281331	31.470 ng	100
78) Pyrene	12.82	202	3273922	41.464 ng	99
80) Butylbenzylphthalate	13.44	149	1667638	52.220 ng	100
81) Benzo(a)anthracene	14.02	228	2430754	38.853 ng	100
82) 3,3'-Dichlorobenzidine	13.97	252	997524	40.438 ng	95
83) Chrysene	14.05	228	2603740	40.326 ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	2212071	58.107 ng	99
85) Di-n-octyl phthalate	14.62	149	3796322	56.702 ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2241566	36.862 ng	97
88) Benzo(b)fluoranthene	15.06	252	2427741	44.948 ng	99
89) Benzo(k)fluoranthene	15.09	252	2180102	42.389 ng	100
90) Benzo(a)pyrene	15.43	252	2047605	41.715 ng	99
91) Dibenzo(a,h)anthracene	16.97	278	1861380	43.355 ng	99
92) Benzo(g,h,i)perylene	17.40	276	1820544	42.208 ng	96

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

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