Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN112520\
Data File : BN012736.D
Acq On : 25 Nov 2020 17:41
Operator : CG/JU
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD160106

Quant Time: Nov 25 18:10:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN112520.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 25 16:31:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	114180	20.00	ng/ul	0.00
20) Naphthalene-d8	10.19	136	497054	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.09	164	312838	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.85	188	666423	20.00	ng/ul	0.00
79) Chrysene-d12	21.07	240	715022	20.00	ng/ul	0.01
88) Perylene-d12	23.17	264	717476	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.95	96	194160	74.56	ng/uL	0.00
4) Pyridine-d5	3.36	84	1506914	181.68	ng/ul	0.00
7) Phenol-d5	6.63	99	1797053	165.15	ng/ul	0.02
9) Bis-(2-Chloroethyl)ether-d	6.79	67	1066249	151.51	ng/ul	0.01
11) 2-Chlorophenol-d4	6.97	132	1437333	181.07	ng/ul	0.01
15) 4-Methylphenol-d8	8.16	113	1414037	160.34	ng/ul	0.02
21) Nitrobenzene-d5	8.59	128	673506	167.01	ng/ul	0.01
24) 2-Nitrophenol-d4	9.30	143	822167	180.59	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.83	165	1456852	168.09	ng/ul	0.01
31) 4-Chloroaniline-d4	10.35	131	1988744	167.97	ng/ul	0.02
46) Dimethylphthalate-d6	13.52	166	4298940	167.02	ng/ul	0.02
49) Acenaphthylene-d8	13.78	160	5270267	170.15	ng/ul	0.01
54) 4-Nitrophenol-d4	14.34	143	821658	177.02	ng/ul	0.04
60) Fluorene-d10	15.10	176	3736791	169.84	ng/ul	0.01
65) 4,6-Dinitro-2-methylphenol	15.25	200	845585	194.51	ng/ul	0.02
73) Anthracene-d10	16.95	188	5676231	171.28	ng/ul	0.01
81) Pyrene-d10	19.26	212	6110304	135.97	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.06	264	6810996	174.74	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.99	88	205056	74.085	ng/uL	96
5) Pyridine	3.38	79	1547940	185.285	ng/ul	91
6) Benzaldehyde	6.58	77	465070	90.632	ng/ul	99
8) Phenol	6.65	94	1869115	168.105	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.88	93	1413117	156.252	ng/ul	99
12) 2-Chlorophenol	7.00	128	1480316	180.985	ng/ul	98
13) 2-Methylphenol	7.88	108	1391912	165.439	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	7.97	45	1955368	135.573	ng/ul	98
16) Acetophenone	8.26	105	2383192	164.663	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.27	70	1245364	152.529	ng/ul	96
18) 4-Methylphenol	8.23	108	1485339	163.283	ng/ul	96
19) Hexachloroethane	8.48	117	648313	162.043	ng/ul	93
22) Nitrobenzene	8.63	77	1901456	154.791	ng/ul	98
23) Isophorone	9.16	82	3332028	147.259	ng/ul	99
25) 2-Nitrophenol	9.33	139	845109	175.054	ng/ul	98
26) 2,4-Dimethylphenol	9.40	107	1767324	159.466	ng/ul	93
27) Bis(2-Chloroethoxy)methane	9.64	93	1946599	150.812	ng/ul	96
29) 2,4-Dichlorophenol	9.86	162	1425122	169.270	ng/ul	99
30) Naphthalene	10.25	128	4655555	168.180	ng/ul	99
32) 4-Chloroaniline	10.37	127	1927887	166.674	ng/ul	94
33) Hexachlorobutadiene	10.52	225	924364	149.924	ng/ul	100
34) Caprolactam	11.19	113	240305	81.710	ng/ul#	89

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.52	107	1687901	164.376 ng/ul	98
36) 2-Methylnaphthalene	11.87	142	3421324	171.381 ng/ul	95
37) 1-Methylnaphthalene	12.09	142	3258623	170.738 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.25	216	1667362	156.581 ng/ul	94
40) Hexachlorocyclopentadiene	12.22	237	1127027	156.178 ng/ul	95
41) 2,4,6-Trichlorophenol	12.50	196	1165600	166.138 ng/ul	96
42) 2,4,5-Trichlorophenol	12.57	196	1223187	161.532 ng/ul	94
43) 1,1'-Biphenyl	12.92	154	4322423	167.789 ng/ul	100
44) 2-Chloronaphthalene	12.95	162	3451655	168.083 ng/ul	98
45) 2-Nitroaniline	13.18	65	1226330	165.368 ng/ul	93
47) Dimethylphthalate	13.57	163	4399384	165.113 ng/ul	99
48) 2,6-Dinitrotoluene	13.69	165	966425	180.028 ng/ul	90
50) Acenaphthylene	13.81	152	5306303	174.887 ng/ul	97
51) 3-Nitroaniline	14.02	138	688425	143.011 ng/ul	92
52) Acenaphthene	14.16	153	3738263	174.658 ng/ul	89
53) 2,4-Dinitrophenol	14.23	184	652726	208.826 ng/ul	92
55) 4-Nitrophenol	14.36	109	794544	151.955 ng/ul	97
56) Dibenzofuran	14.50	168	5346552	179.041 ng/ul	99
57) 2,4-Dinitrotoluene	14.49	165	1414965	187.145 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	1089350	169.310 ng/ul	96
59) Diethylphthalate	14.95	149	4641728	168.346 ng/ul	98
61) Fluorene	15.15	166	4626633	185.938 ng/ul	91
62) 4-Chlorophenyl-phenylether	15.15	204	2257940	177.202 ng/ul	99
63) 4-Nitroaniline	15.20	138	583324	125.667 ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.26	198	904125	197.419 ng/ul#	94
67) N-Nitrosodiphenylamine	15.37	169	3681837	175.994 ng/ul	96
68) 4-Bromophenyl-phenylether	16.05	248	1352439	176.346 ng/ul	99
69) Hexachlorobenzene	16.15	284	1577746	187.465 ng/ul	95
70) Atrazine	16.35	200	1362421	165.120 ng/ul	95
71) Pentachlorophenol	16.50	266	1025482	196.455 ng/ul	96
72) Phenanthrene	16.89	178	6862915	174.608 ng/ul	98
74) Anthracene	16.99	178	7279905	181.131 ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	12.87	216	1673246	157.158 ng/uL	97
76) Pentachlorobenzene	14.42	250	1716947	167.180 ng/uL	100
77) Carbazole	17.26	167	6101021	179.986 ng/ul	97
78) Di-n-butylphthalate	17.83	149	8249364	178.523 ng/ul	100
80) Fluoranthene	18.92	202	8146358	137.911 ng/ul	98
82) Pyrene	19.29	202	8368926	140.574 ng/ul	99
83) Butylbenzylphthalate	20.22	149	3967448	153.702 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.00	252	2806227	192.828 ng/ul	92
85) Benzo(a)anthracene	21.05	228	7665246	152.605 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.00	149	6274230	176.262 ng/ul	97
87) Chrysene	21.11	228	7471106	155.161 ng/ul	97
89) Di-n-octyl phthalate	21.85	149	9927511	148.511 ng/ul	100
90) Benzo(b)fluoranthene	22.56	252	8249333	164.305 ng/ul	98
91) Benzo(k)fluoranthene	22.60	252	8451494	179.843 ng/ul	98
93) Benzo(a)pyrene	23.10	252	7544026	171.341 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.29	276	9987340	200.181 ng/ul#	92
95) Dibenzo(a,h)anthracene	25.30	278	8455222	201.964 ng/ul	95
96) Benzo(g,h,i)perylene	25.93	276	7855294	192.553 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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