Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN100920\
Data File : BN012123.D
Acq On : 09 Oct 2020 13:58
Operator : CG/JU
Sample : SSTD16052
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD16052

Quant Time: Oct 09 14:26:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 09 12:44:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	293204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1273439	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	836036	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1853480	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1833891	20.00	ng/ul	0.01
86) Perylene-d12	23.44	264	1909403	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	336627	49.96	ng/uL	0.00
5) Phenol-d5	6.83	99	4145268	169.39	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.99	67	2425003	161.30	ng/ul	0.01
9) 2-Chlorophenol-d4	7.18	132	3303191	166.92	ng/ul	0.01
13) 4-Methylphenol-d8	8.36	113	3378487	175.39	ng/ul	0.02
19) Nitrobenzene-d5	8.80	128	1619844	160.20	ng/ul	0.02
22) 2-Nitrophenol-d4	9.51	143	1963485	179.55	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.05	165	3460815	165.03	ng/ul	0.01
29) 4-Chloroaniline-d4	10.56	131	4248666	171.84	ng/ul	0.01
44) Dimethylphthalate-d6	13.71	166	10015047	152.71	ng/ul	0.02
47) Acenaphthylene-d8	13.98	160	12047368	153.91	ng/ul	0.01
52) 4-Nitrophenol-d4	14.52	143	2123145	175.81	ng/ul	0.04
58) Fluorene-d10	15.29	176	8678442	151.63	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.42	200	2110680	178.42	ng/ul	0.03
71) Anthracene-d10	17.14	188	13300043	147.98	ng/ul	0.02
79) Pyrene-d10	19.44	212	14580941	151.17	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.32	264	16584966	154.78	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	395624	46.762	ng/uL	96
4) Benzaldehyde	6.79	77	2474976	175.698	ng/ul	95
6) Phenol	6.86	94	4382857	172.187	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	3376302	163.262	ng/ul	97
10) 2-Chlorophenol	7.21	128	3431110	167.644	ng/ul	98
11) 2-Methylphenol	8.09	108	3267856	172.839	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.18	45	4334770	162.531	ng/ul	98
14) Acetophenone	8.47	105	5187159	168.961	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.48	70	2713282	176.121	ng/ul	99
16) 4-Methylphenol	8.43	108	3469122	171.112	ng/ul	97
17) Hexachloroethane	8.70	117	1449141	155.620	ng/ul	97
20) Nitrobenzene	8.84	77	4085419	146.174	ng/ul	97
21) Isophorone	9.38	82	7753466	165.507	ng/ul	99
23) 2-Nitrophenol	9.55	139	2034933	168.233	ng/ul	99
24) 2,4-Dimethylphenol	9.61	107	3986568	151.884	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.85	93	4589153	156.103	ng/ul	98
27) 2,4-Dichlorophenol	10.08	162	3308613	155.792	ng/ul	97
28) Naphthalene	10.47	128	10910787	149.700	ng/ul	99
30) 4-Chloroaniline	10.59	127	4099510	164.633	ng/ul	97
31) Hexachlorobutadiene	10.75	225	2133572	148.381	ng/ul	95
32) Caprolactam	11.42	113	644712	110.091	ng/ul	96
33) 4-Chloro-3-methylphenol	11.73	107	3959563	171.562	ng/ul	98
34) 2-Methylnaphthalene	12.09	142	7850388	156.727	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.31	142	7688512	155.328 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	3853927	142.300 ng/ul	95
38) Hexachlorocyclopentadiene	12.44	237	2861837	149.446 ng/ul	99
39) 2,4,6-Trichlorophenol	12.70	196	2724531	160.452 ng/ul	96
40) 2,4,5-Trichlorophenol	12.78	196	2916644	159.228 ng/ul	98
41) 1,1'-Biphenyl	13.12	154	9954573	143.745 ng/ul	98
42) 2-Chloronaphthalene	13.15	162	7843078	142.208 ng/ul	99
43) 2-Nitroaniline	13.37	65	2751710	174.102 ng/ul	99
45) Dimethylphthalate	13.76	163	10281285	152.142 ng/ul	99
46) 2,6-Dinitrotoluene	13.88	165	2410528	182.750 ng/ul	91
48) Acenaphthylene	14.01	152	12004002	145.944 ng/ul	96
49) 3-Nitroaniline	14.20	138	2130293	177.001 ng/ul	99
50) Acenaphthene	14.35	153	8701773	147.203 ng/ul	99
51) 2,4-Dinitrophenol	14.41	184	1652427	205.485 ng/ul	91
53) 4-Nitrophenol	14.54	109	1821436	161.879 ng/ul	95
54) Dibenzofuran	14.69	168	11740286	145.571 ng/ul	100
55) 2,4-Dinitrotoluene	14.67	165	3419891	178.608 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.92	232	2657396	173.807 ng/ul	97
57) Diethylphthalate	15.13	149	11237387	161.577 ng/ul	99
59) Fluorene	15.35	166	10046247	148.590 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.34	204	5010303	151.828 ng/ul	92
61) 4-Nitroaniline	15.39	138	2091938	160.857 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.44	198	2169427	168.612 ng/ul#	99
65) N-Nitrosodiphenylamine	15.56	169	8706236	147.281 ng/ul	96
66) 4-Bromophenyl-phenylether	16.23	248	3286356	155.031 ng/ul	92
67) Hexachlorobenzene	16.35	284	3740511	151.224 ng/ul	99
68) Atrazine	16.52	200	3405890	157.473 ng/ul	99
69) Pentachlorophenol	16.69	266	2558541	174.466 ng/ul	98
70) Phenanthrene	17.07	178	14661808	129.845 ng/ul#	90
72) Anthracene	17.17	178	14035301	123.097 ng/ul#	92
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	3833706	142.285 ng/uL	98
74) Pentachlorobenzene	14.61	250	3959578	143.270 ng/uL	98
75) Carbazole	17.44	167	13759723	138.985 ng/ul	95
76) Di-n-butylphthalate	18.00	149	14517862	115.480 ng/ul#	90
77) Fluoranthene	19.10	202	15295190	120.598 ng/ul#	82
80) Pyrene	19.47	202	14787860	111.789 ng/ul#	76
81) Butylbenzylphthalate	20.38	149	9506468	174.805 ng/ul	89
82) 3,3'-Dichlorobenzidine	21.16	252	6692843	156.868 ng/ul	92
83) Benzo(a)anthracene	21.22	228	15241987	123.371 ng/ul#	80
84) Bis(2-ethylhexyl)phthalate	21.16	149	11713879	140.348 ng/ul#	88
85) Chrysene	21.27	228	14056316	115.731 ng/ul#	91
88) Benzo(b)fluoranthene	22.79	252	19628762	146.745 ng/ul	93
89) Benzo(k)fluoranthene	22.83	252	1692529	12.846 ng/ul	96
91) Benzo(a)pyrene	23.36	252	17470223	143.980 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.68	276	19009058	122.689 ng/ul	99
93) Dibenzo(a,h)anthracene	25.70	278	20101037	157.481 ng/ul	98
94) Benzo(g,h,i)perylene	26.37	276	19850118	150.438 ng/ul	96

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

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