Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
Data File : BN012179.D
Acq On : 14 Oct 2020 02:39
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02061

Quant Time: Oct 14 03:24:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 14 03:20:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	230098	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	950127	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	582580	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1244269	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1229304	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	1332678	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	44979	8.64	ng/uL	0.00
5) Phenol-d5	6.81	99	430047	21.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	261579	21.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	346876	21.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	343385	21.37	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	162064	21.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	181694	21.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	336308	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	384940	19.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	973315	20.40	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1186273	21.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	182356	20.49	ng/ul	0.00
58) Fluorene-d10	15.27	176	835322	20.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	147345	17.87	ng/ul	0.00
71) Anthracene-d10	17.12	188	1246008	20.46	ng/ul	0.00
79) Pyrene-d10	19.42	212	1415592	22.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1491177	19.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	51985	8.825	ng/uL	97
4) Benzaldehyde	6.78	77	165387	14.670	ng/ul	98
6) Phenol	6.83	94	440292	21.036	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.06	93	355377	21.374	ng/ul	97
10) 2-Chlorophenol	7.20	128	359179	21.864	ng/ul	97
11) 2-Methylphenol	8.08	108	331539	21.146	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	462097	21.208	ng/ul	98
14) Acetophenone	8.45	105	530015	21.074	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	281119	21.971	ng/ul	97
16) 4-Methylphenol	8.40	108	365667	21.708	ng/ul	98
17) Hexachloroethane	8.69	117	153193	21.349	ng/ul	99
20) Nitrobenzene	8.82	77	425582	20.501	ng/ul	94
21) Isophorone	9.35	82	753529	20.719	ng/ul	98
23) 2-Nitrophenol	9.52	139	199520	20.980	ng/ul	95
24) 2,4-Dimethylphenol	9.59	107	413262	21.278	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	474365	20.786	ng/ul	97
27) 2,4-Dichlorophenol	10.05	162	335475	20.953	ng/ul	100
28) Naphthalene	10.45	128	1147698	20.620	ng/ul	98
30) 4-Chloroaniline	10.57	127	381988	19.396	ng/ul	96
31) Hexachlorobutadiene	10.74	225	208166	19.701	ng/ul	98
32) Caprolactam	11.34	113	102848	19.934	ng/ul	98
33) 4-Chloro-3-methylphenol	11.70	107	382482	21.210	ng/ul	96
34) 2-Methylnaphthalene	12.07	142	786594	20.564	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	763808	20.321 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	396073	21.650 ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	248035	19.912 ng/ul#	95
39) 2,4,6-Trichlorophenol	12.69	196	265115	21.910 ng/ul	85
40) 2,4,5-Trichlorophenol	12.76	196	277938	21.319 ng/ul	98
41) 1,1'-Biphenyl	13.10	154	1051560	21.796 ng/ul	96
42) 2-Chloronaphthalene	13.14	162	805633	21.029 ng/ul	93
43) 2-Nitroaniline	13.35	65	240580	21.531 ng/ul	95
45) Dimethylphthalate	13.73	163	995024	19.990 ng/ul	97
46) 2,6-Dinitrotoluene	13.85	165	206710	20.882 ng/ul	94
48) Acenaphthylene	13.99	152	1245890	21.331 ng/ul	97
49) 3-Nitroaniline	14.18	138	170561	18.693 ng/ul#	99
50) Acenaphthene	14.33	153	875138	21.100 ng/ul	97
51) 2,4-Dinitrophenol	14.39	184	91700	14.666 ng/ul#	87
53) 4-Nitrophenol	14.49	109	157968	19.603 ng/ul	92
54) Dibenzofuran	14.67	168	1194137	20.677 ng/ul	98
55) 2,4-Dinitrotoluene	14.64	165	302622	21.077 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.90	232	242157	21.278 ng/ul	93
57) Diethylphthalate	15.10	149	1041895	20.081 ng/ul	97
59) Fluorene	15.32	166	984052	20.259 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.32	204	481136	20.299 ng/ul	99
61) 4-Nitroaniline	15.35	138	206067	20.700 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.40	198	159887	17.757 ng/ul	99
65) N-Nitrosodiphenylamine	15.53	169	830062	21.152 ng/ul	97
66) 4-Bromophenyl-phenylether	16.22	248	294192	21.245 ng/ul	96
67) Hexachlorobenzene	16.33	284	343073	20.668 ng/ul	92
68) Atrazine	16.49	200	306580	20.662 ng/ul	97
69) Pentachlorophenol	16.67	266	205638	20.555 ng/ul	96
70) Phenanthrene	17.06	178	1574117	20.729 ng/ul	100
72) Anthracene	17.15	178	1624222	20.998 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	356085	20.987 ng/uL	98
74) Pentachlorobenzene	14.59	250	379311	21.095 ng/uL	93
75) Carbazole	17.43	167	1412658	21.465 ng/ul	100
76) Di-n-butylphthalate	18.00	149	1801143	20.326 ng/ul	99
77) Fluoranthene	19.09	202	1833156	21.318 ng/ul	99
80) Pyrene	19.45	202	1890736	21.568 ng/ul	98
81) Butylbenzylphthalate	20.36	149	874379	22.494 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.14	252	509930	17.731 ng/ul	98
83) Benzo(a)anthracene	21.20	228	1771721	21.374 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.14	149	1294344	21.412 ng/ul	98
85) Chrysene	21.26	228	1699687	20.603 ng/ul	98
87) Di-n-octyl phthalate	22.02	149	2172518	21.376 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	1849314	20.190 ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	1796058	20.026 ng/ul	99
91) Benzo(a)pyrene	23.32	252	1697506	20.297 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.61	276	2115937	19.866 ng/ul	99
93) Dibenzo(a,h)anthracene	25.62	278	1791977	20.014 ng/ul	98
94) Benzo(g,h,i)perylene	26.28	276	1771557	19.954 ng/ul	99

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

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