Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040920\
Data File : BN010448.D
Acq On : 09 Apr 2020 11:01
Operator : CG/JU
Sample : SSTD01052
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD01052

Quant Time: Apr 09 12:16:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 09 12:08:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	572628	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2431202	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1561672	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	3519272	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	3231795	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	2916398	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	39366	3.25	ng/uL	0.00
5) Phenol-d5	6.79	99	425139	8.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	226666	9.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	374786	9.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	363348	9.00	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	181508	10.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	196569	10.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	397391	10.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	468364	10.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	1131332	9.60	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	1418443	10.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	203722	9.21	ng/ul	0.00
58) Fluorene-d10	15.23	176	1043002	10.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	136080	6.75	ng/ul	0.00
71) Anthracene-d10	17.08	188	1606036	9.94	ng/ul	0.00
79) Pyrene-d10	19.38	212	1844905	11.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	1486874	10.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	47053	3.676	ng/uL	90
4) Benzaldehyde	6.76	77	290624	11.908	ng/ul	98
6) Phenol	6.82	94	445600	8.914	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.04	93	353603	9.151	ng/ul	96
10) 2-Chlorophenol	7.18	128	381283	9.707	ng/ul	98
11) 2-Methylphenol	8.05	108	350741	9.029	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	231039	8.727	ng/ul	98
14) Acetophenone	8.42	105	564646	9.205	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	271461	9.067	ng/ul	98
16) 4-Methylphenol	8.38	108	381820	8.989	ng/ul	97
17) Hexachloroethane	8.68	117	162172	10.190	ng/ul	94
20) Nitrobenzene	8.79	77	420497	9.585	ng/ul	95
21) Isophorone	9.31	82	783102	9.334	ng/ul	99
23) 2-Nitrophenol	9.49	139	213566	9.782	ng/ul	95
24) 2,4-Dimethylphenol	9.56	107	435464	9.754	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.79	93	478207	9.074	ng/ul	97
27) 2,4-Dichlorophenol	10.02	162	398102	9.948	ng/ul	94
28) Naphthalene	10.42	128	1284260	9.819	ng/ul	99
30) 4-Chloroaniline	10.52	127	462619	9.835	ng/ul	99
31) Hexachlorobutadiene	10.72	225	273730	10.288	ng/ul	94
32) Caprolactam	11.28	113	112372	8.416	ng/ul	96
33) 4-Chloro-3-methylphenol	11.66	107	408297	9.676	ng/ul	95
34) 2-Methylnaphthalene	12.03	142	912084	9.599	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.26	142	915027	9.706 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	522048	10.601 ng/ul	90
38) Hexachlorocyclopentadiene	12.40	237	208436	6.417 ng/ul	95
39) 2,4,6-Trichlorophenol	12.66	196	329063	10.461 ng/ul	99
40) 2,4,5-Trichlorophenol	12.73	196	351605	10.397 ng/ul	96
41) 1,1'-Biphenyl	13.06	154	1187471	9.992 ng/ul	97
42) 2-Chloronaphthalene	13.10	162	962300	10.191 ng/ul	98
43) 2-Nitroaniline	13.30	65	219583	10.355 ng/ul	97
45) Dimethylphthalate	13.70	163	1194253	9.815 ng/ul	99
46) 2,6-Dinitrotoluene	13.81	165	241154	10.083 ng/ul	98
48) Acenaphthylene	13.95	152	1484663	10.025 ng/ul	98
49) 3-Nitroaniline	14.13	138	222018	9.946 ng/ul	93
50) Acenaphthene	14.30	153	1009856	9.899 ng/ul	95
51) 2,4-Dinitrophenol	14.35	184	73727	5.349 ng/ul	92
53) 4-Nitrophenol	14.45	109	167020	9.440 ng/ul	98
54) Dibenzofuran	14.63	168	1462005	10.175 ng/ul	100
55) 2,4-Dinitrotoluene	14.60	165	348744	9.936 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.87	232	310502	10.519 ng/ul	99
57) Diethylphthalate	15.07	149	1187681	9.853 ng/ul	99
59) Fluorene	15.29	166	1175779	10.054 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.29	204	611150	10.066 ng/ul	97
61) 4-Nitroaniline	15.30	138	259052	10.287 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.37	198	153204	6.928 ng/ul#	90
65) N-Nitrosodiphenylamine	15.50	169	1006237	9.828 ng/ul	94
66) 4-Bromophenyl-phenylether	16.18	248	370533	10.010 ng/ul	89
67) Hexachlorobenzene	16.30	284	423479	10.077 ng/ul	100
68) Atrazine	16.46	200	395927	9.854 ng/ul	98
69) Pentachlorophenol	16.64	266	248516	9.671 ng/ul	95
70) Phenanthrene	17.02	178	1948334	9.991 ng/ul	98
72) Anthracene	17.12	178	1979877	10.152 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	549394	10.281 ng/uL	93
74) Pentachlorobenzene	14.56	250	532828	10.142 ng/uL	97
75) Carbazole	17.38	167	1719372	10.602 ng/ul	99
76) Di-n-butylphthalate	17.97	149	2071076	10.275 ng/ul	99
77) Fluoranthene	19.05	202	2438692	11.743 ng/ul	99
80) Pyrene	19.41	202	2483174	11.491 ng/ul	99
81) Butylbenzylphthalate	20.34	149	989252	11.479 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.11	252	780959	10.624 ng/ul	95
83) Benzo(a)anthracene	21.17	228	2288673	10.541 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	1461841	11.463 ng/ul	97
85) Chrysene	21.23	228	2181032	10.533 ng/ul	99
87) Di-n-octyl phthalate	22.00	149	2519341	17.585 ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	1872334	10.602 ng/ul	97
89) Benzo(k)fluoranthene	22.76	252	1974016	11.506 ng/ul	99
91) Benzo(a)pyrene	23.27	252	1698321	10.272 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.52	276	1862099	8.727 ng/ul	97
93) Dibenzo(a,h)anthracene	25.53	278	1589221	9.017 ng/ul	99
94) Benzo(g,h,i)perylene	26.17	276	1551319	8.629 ng/ul	95

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

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