Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021220\
Data File : BN009714.D
Acq On : 12 Feb 2020 15:24
Operator : CG/JU
Sample : SSTD04051
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD04051

Manual Integrations APPROVED
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2/13/2020 3:34:44 PM

Quant Time: Feb 12 17:50:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 17:23:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	107748	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	446867	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	287326	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	618410	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	597017	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	629429	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	42722	16.93	ng/uL	0.00
5) Phenol-d5	6.62	99	370101	42.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	255896	42.02	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	294679	43.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	296698	42.28	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	142933	44.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	158092	44.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	301104	44.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	351652	46.82	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	890877	42.26	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1077634	42.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	163527	45.32	ng/ul	0.00
58) Fluorene-d10	15.06	176	776229	42.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	162218	46.69	ng/ul	0.00
71) Anthracene-d10	16.92	188	1200369	42.83	ng/ul	0.00
79) Pyrene-d10	19.22	212	1294746	41.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	1330156	42.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	46835	16.044	ng/uL	93
4) Benzaldehyde	6.58	77	269194	43.125	ng/ul	93
6) Phenol	6.65	94	402404	42.631	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.87	93	316087	42.083	ng/ul	99
10) 2-Chlorophenol	6.99	128	306083	42.846	ng/ul	98
11) 2-Methylphenol	7.87	108	292545	42.552	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.95	45	775409	41.428	ng/ul	98
14) Acetophenone	8.23	105	489266	43.082	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.23	70	265225	42.559	ng/ul	98
16) 4-Methylphenol	8.20	108	322466	42.837	ng/ul	98
17) Hexachloroethane	8.47	117	137872	42.522	ng/ul	98
20) Nitrobenzene	8.60	77	402086	42.491	ng/ul	97
21) Isophorone	9.13	82	729417	42.754	ng/ul	99
23) 2-Nitrophenol	9.30	139	178422	44.893	ng/ul	95
24) 2,4-Dimethylphenol	9.38	107	369879	43.131	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.61	93	433004	42.365	ng/ul	99
27) 2,4-Dichlorophenol	9.83	162	295547	42.070	ng/ul	96
28) Naphthalene	10.22	128	992011	41.814	ng/ul	99
30) 4-Chloroaniline	10.34	127	357330	46.310	ng/ul	97
31) Hexachlorobutadiene	10.50	225	191125	42.387	ng/ul	91
32) Caprolactam	11.13	113	99989m	45.103	ng/ul	
33) 4-Chloro-3-methylphenol	11.48	107	344901	42.853	ng/ul	99
34) 2-Methylnaphthalene	11.84	142	708479	42.960	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	694294	42.377 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	355405	43.406 ng/ul	96
38) Hexachlorocyclopentadiene	12.20	237	157700	54.438 ng/ul	97
39) 2,4,6-Trichlorophenol	12.47	196	234896	44.269 ng/ul	97
40) 2,4,5-Trichlorophenol	12.55	196	255501	44.418 ng/ul	97
41) 1,1'-Biphenyl	12.88	154	923647	43.352 ng/ul	98
42) 2-Chloronaphthalene	12.92	162	724366	42.548 ng/ul	98
43) 2-Nitroaniline	13.14	65	285781	44.684 ng/ul	98
45) Dimethylphthalate	13.53	163	932412	42.049 ng/ul	100
46) 2,6-Dinitrotoluene	13.65	165	200251	45.444 ng/ul	93
48) Acenaphthylene	13.77	152	1165457	42.932 ng/ul	100
49) 3-Nitroaniline	13.98	138	181302	45.854 ng/ul	96
50) Acenaphthene	14.12	153	781634	42.525 ng/ul	99
51) 2,4-Dinitrophenol	14.21	184	107032	52.524 ng/ul	91
53) 4-Nitrophenol	14.31	109	152167	45.627 ng/ul	95
54) Dibenzofuran	14.46	168	1084033	42.701 ng/ul	97
55) 2,4-Dinitrotoluene	14.46	165	290011	44.266 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.70	232	213776	42.797 ng/ul	97
57) Diethylphthalate	14.92	149	971548	43.067 ng/ul	100
59) Fluorene	15.12	166	918811	43.076 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.12	204	455168	42.973 ng/ul	98
61) 4-Nitroaniline	15.16	138	218210m	44.928 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.23	198	172257	45.433 ng/ul	98
65) N-Nitrosodiphenylamine	15.34	169	780429	43.666 ng/ul	99
66) 4-Bromophenyl-phenylether	16.02	248	263884	42.479 ng/ul	96
67) Hexachlorobenzene	16.13	284	292801	44.824 ng/ul	92
68) Atrazine	16.31	200	290728	44.354 ng/ul	96
69) Pentachlorophenol	16.47	266	164070	45.185 ng/ul	97
70) Phenanthrene	16.86	178	1469847	42.912 ng/ul	100
72) Anthracene	16.95	178	1517976	43.379 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	376767	43.627 ng/uL	94
74) Pentachlorobenzene	14.39	250	370550	43.437 ng/uL	97
75) Carbazole	17.23	167	1303227	42.312 ng/ul	98
76) Di-n-butylphthalate	17.81	149	1721444	44.492 ng/ul	100
77) Fluoranthene	18.89	202	1730722	43.605 ng/ul	98
80) Pyrene	19.25	202	1797406	42.661 ng/ul	99
81) Butylbenzylphthalate	20.18	149	779800	44.718 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.96	252	570468	44.495 ng/ul	97
83) Benzo(a)anthracene	21.02	228	1691790	41.183 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.97	149	1188112	43.613 ng/ul	98
85) Chrysene	21.07	228	1618539	40.774 ng/ul	97
87) Di-n-octyl phthalate	21.83	149	1984701	43.596 ng/ul	100
88) Benzo(b)fluoranthene	22.53	252	1690053	41.516 ng/ul	97
89) Benzo(k)fluoranthene	22.57	252	1652155	42.859 ng/ul	98
91) Benzo(a)pyrene	23.06	252	1536863	42.251 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.21	276	1821169	42.463 ng/ul	97
93) Dibenzo(a,h)anthracene	25.21	278	1575957	42.499 ng/ul	99
94) Benzo(g,h,i)perylene	25.83	276	1538862	42.543 ng/ul	98

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

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