Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041521\
Data File : BN014282.D
Acq On : 15 Apr 2021 12:53
Operator : CG/JU
Sample : SSTD04052
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 15 13:36:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 15 12:48:23 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD040052

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	144602	20.00	ng/ul	0.00
20) Naphthalene-d8	10.47	136	561661	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.33	164	321150	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.08	188	666577	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	730107	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	735428	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	62474	17.00	ng/uL	0.00
4) Pyridine-d5	3.62	84	415799	41.31	ng/ul	0.00
7) Phenol-d5	6.87	99	488719	39.89	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.04	67	294847	38.43	ng/ul	0.00
11) 2-Chlorophenol-d4	7.23	132	403118	43.61	ng/ul	0.00
15) 4-Methylphenol-d8	8.40	113	372938	39.67	ng/ul	0.00
21) Nitrobenzene-d5	8.85	128	183946	46.97	ng/ul	0.00
24) 2-Nitrophenol-d4	9.56	143	183363	49.46	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.10	165	377671	47.24	ng/ul	0.00
31) 4-Chloroaniline-d4	10.61	131	522436	42.64	ng/ul	0.00
46) Dimethylphthalate-d6	13.75	166	1010212	45.35	ng/ul	0.00
49) Acenaphthylene-d8	14.03	160	1259705	46.37	ng/ul	0.00
54) 4-Nitrophenol-d4	14.53	143	193515	44.80	ng/ul	0.00
60) Fluorene-d10	15.33	176	881321	44.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.45	200	145960	43.81	ng/ul	0.00
73) Anthracene-d10	17.18	188	1336362	43.52	ng/ul	0.00
81) Pyrene-d10	19.48	212	1510897	40.97	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	1706026	46.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	62484	16.568	ng/uL	99
5) Pyridine	3.64	79	424153	40.935	ng/ul	95
6) Benzaldehyde	6.85	77	288691	47.549	ng/ul	100
8) Phenol	6.89	94	526652	39.532	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.13	93	413924	39.609	ng/ul	100
12) 2-Chlorophenol	7.26	128	424170	42.280	ng/ul	97
13) 2-Methylphenol	8.13	108	382783	39.775	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.23	45	459218	29.248	ng/ul	100
16) Acetophenone	8.52	105	632643	40.543	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.50	70	308621	42.700	ng/ul	100
18) 4-Methylphenol	8.46	108	415382	39.442	ng/ul	100
19) Hexachloroethane	8.77	117	179421	43.232	ng/ul	99
22) Nitrobenzene	8.89	77	470395	44.610	ng/ul	100
23) Isophorone	9.42	82	807611	45.269	ng/ul	98
25) 2-Nitrophenol	9.59	139	215033	49.476	ng/ul	99
26) 2,4-Dimethylphenol	9.66	107	452995	44.278	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.90	93	524679	42.426	ng/ul	98
29) 2,4-Dichlorophenol	10.12	162	376965	44.990	ng/ul	99
30) Naphthalene	10.53	128	1294705	41.978	ng/ul	100
32) 4-Chloroaniline	10.63	127	541128	42.642	ng/ul	100
33) Hexachlorobutadiene	10.82	225	242460	45.555	ng/ul	96
34) Caprolactam	11.40	113	103056m	41.021	ng/ul	

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35) 4-Chloro-3-methylphenol	11.76	107	388972	45.816	ng/ul	98
36) 2-Methylnaphthalene	12.14	142	904245	43.135	ng/ul	96
37) 1-Methylnaphthalene	12.36	142	894430	43.022	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	459360	45.395	ng/ul	99
40) Hexachlorocyclopentadiene	12.50	237	285013	46.620	ng/ul	95
41) 2,4,6-Trichlorophenol	12.76	196	279860	49.558	ng/ul	95
42) 2,4,5-Trichlorophenol	12.83	196	307272	48.619	ng/ul	98
43) 1,1'-Biphenyl	13.16	154	1121933	43.594	ng/ul	100
44) 2-Chloronaphthalene	13.20	162	885970	44.195	ng/ul	99
45) 2-Nitroaniline	13.40	65	228729	47.040	ng/ul	97
47) Dimethylphthalate	13.79	163	1037537	44.423	ng/ul	98
48) 2,6-Dinitrotoluene	13.91	165	203286	49.093	ng/ul	99
50) Acenaphthylene	14.06	152	1297094	44.453	ng/ul	98
51) 3-Nitroaniline	14.24	138	230963	46.715	ng/ul	93
52) Acenaphthene	14.40	153	931008	43.818	ng/ul	99
53) 2,4-Dinitrophenol	14.44	184	102430	44.676	ng/ul	97
55) 4-Nitrophenol	14.55	109	167774	47.713	ng/ul	98
56) Dibenzofuran	14.73	168	1282901	43.680	ng/ul	99
57) 2,4-Dinitrotoluene	14.70	165	294886	49.619	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.96	232	250558	51.199	ng/ul	96
59) Diethylphthalate	15.17	149	1045297	45.833	ng/ul	100
61) Fluorene	15.39	166	1060591	44.727	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.39	204	527851	46.128	ng/ul	96
63) 4-Nitroaniline	15.40	138	237273	48.466	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.46	198	156979	44.633	ng/ul#	98
67) N-Nitrosodiphenylamine	15.60	169	886599	43.712	ng/ul	97
68) 4-Bromophenyl-phenylether	16.28	248	303317	44.532	ng/ul	90
69) Hexachlorobenzene	16.39	284	361136	45.748	ng/ul	97
70) Atrazine	16.55	200	308615	44.945	ng/ul	100
71) Pentachlorophenol	16.73	266	206986	48.851	ng/ul	93
72) Phenanthrene	17.12	178	1648091	43.387	ng/ul	99
74) Anthracene	17.22	178	1696476	43.705	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.13	216	462511	44.535	ng/uL	97
76) Pentachlorobenzene	14.66	250	452575	43.665	ng/uL	95
77) Carbazole	17.48	167	1510991	43.816	ng/ul	100
78) Di-n-butylphthalate	18.06	149	1751074	49.202	ng/ul	100
80) Fluoranthene	19.15	202	1901267	41.317	ng/ul	97
82) Pyrene	19.51	202	2027088	41.071	ng/ul	97
83) Butylbenzylphthalate	20.42	149	752512	47.966	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.20	252	618672	48.139	ng/ul	95
85) Benzo(a)anthracene	21.26	228	2007852	42.821	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.20	149	1229446	50.709	ng/ul	98
87) Chrysene	21.31	228	1887942	41.022	ng/ul	98
89) Di-n-octyl phthalate	22.08	149	1971229	42.597	ng/ul	100
90) Benzo(b)fluoranthene	22.84	252	2038723	43.620	ng/ul	97
91) Benzo(k)fluoranthene	22.88	252	2080621	44.334	ng/ul	99
93) Benzo(a)pyrene	23.41	252	1867311	44.370	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.76	276	2492952	47.018	ng/ul	99
95) Dibenzo(a,h)anthracene	25.77	278	2035439	45.553	ng/ul	97
96) Benzo(g,h,i)perylene	26.44	276	1934654	44.099	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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