Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
Data File : BN013829.D
Acq On : 04 Mar 2021 12:54
Operator : CG/JU
Sample : SSTD08055
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD08055

Manual Integrations APPROVED
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3/5/2021 2:44:52 PM

Quant Time: Mar 04 13:38:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 04 12:54:17 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	156529	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	644899	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	382877	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	777395	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	765360	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	781773	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	122411	33.59	ng/uL	0.00
5) Phenol-d5	6.89	99	1068164	91.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	633326	94.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	838955	86.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	814712	88.03	ng/ul	0.01
19) Nitrobenzene-d5	8.88	128	386177	88.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	409571	90.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	801716	89.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	923328	86.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	2153643	83.97	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	2833746	84.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	422429	84.91	ng/ul	0.01
58) Fluorene-d10	15.36	176	1844042	82.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	332039	79.85	ng/ul	0.01
71) Anthracene-d10	17.21	188	2793178	82.87	ng/ul	0.00
79) Pyrene-d10	19.50	212	3140637	86.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	3308153	86.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	127427	34.573	ng/uL	97
4) Benzaldehyde	6.87	77	449819	76.093	ng/ul	99
6) Phenol	6.92	94	1128841	91.475	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.16	93	863201	89.601	ng/ul	99
10) 2-Chlorophenol	7.29	128	877399	85.226	ng/ul	98
11) 2-Methylphenol	8.16	108	827151	90.067	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	1301477	94.031	ng/ul	98
14) Acetophenone	8.55	105	1285239	87.805	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.54	70	661160	97.498	ng/ul	97
16) 4-Methylphenol	8.50	108	893652	88.845	ng/ul	94
17) Hexachloroethane	8.80	117	361149	89.205	ng/ul	99
20) Nitrobenzene	8.92	77	984670	96.687	ng/ul	98
21) Isophorone	9.45	82	1812648	101.442	ng/ul	99
23) 2-Nitrophenol	9.63	139	457063	88.110	ng/ul	94
24) 2,4-Dimethylphenol	9.69	107	955038	89.812	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	1132212	89.949	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	786201	86.049	ng/ul	96
28) Naphthalene	10.56	128	2668352	80.647	ng/ul	99
30) 4-Chloroaniline	10.67	127	947818	86.351	ng/ul	98
31) Hexachlorobutadiene	10.85	225	488432	87.067	ng/ul	99
32) Caprolactam	11.44	113	260025m	95.301	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	842580	90.437	ng/ul	97
34) 2-Methylnaphthalene	12.18	142	1869094	80.854	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	1785389	79.974 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	932260	86.635 ng/ul	98
38) Hexachlorocyclopentadiene	12.53	237	586125	88.941 ng/ul	99
39) 2,4,6-Trichlorophenol	12.79	196	592822	90.924 ng/ul	96
40) 2,4,5-Trichlorophenol	12.86	196	633736	86.438 ng/ul	95
41) 1,1'-Biphenyl	13.19	154	2311914	79.794 ng/ul	99
42) 2-Chloronaphthalene	13.23	162	1811540	80.771 ng/ul	99
43) 2-Nitroaniline	13.44	65	557790	105.520 ng/ul	97
45) Dimethylphthalate	13.83	163	2190191	82.154 ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	469143	92.542 ng/ul	90
48) Acenaphthylene	14.09	152	2697056	81.740 ng/ul	100
49) 3-Nitroaniline	14.27	138	435334	85.275 ng/ul	99
50) Acenaphthene	14.43	153	1922985	80.547 ng/ul	94
51) 2,4-Dinitrophenol	14.47	184	239604	83.052 ng/ul	98
53) 4-Nitrophenol	14.58	109	333900	91.405 ng/ul	94
54) Dibenzofuran	14.76	168	2639220	79.577 ng/ul	98
55) 2,4-Dinitrotoluene	14.73	165	647424	86.839 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.99	232	514157	89.284 ng/ul	98
57) Diethylphthalate	15.20	149	2261990	86.309 ng/ul	99
59) Fluorene	15.42	166	2136892	80.462 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.41	204	1021169	80.762 ng/ul	94
61) 4-Nitroaniline	15.44	138	477556	83.374 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.49	198	346570	80.629 ng/ul#	97
65) N-Nitrosodiphenylamine	15.63	169	1852525	82.521 ng/ul	97
66) 4-Bromophenyl-phenylether	16.30	248	637661	85.257 ng/ul	96
67) Hexachlorobenzene	16.41	284	727824	84.900 ng/ul	96
68) Atrazine	16.58	200	672044	88.498 ng/ul	95
69) Pentachlorophenol	16.75	266	432435	89.128 ng/ul	99
70) Phenanthrene	17.15	178	3363247	80.604 ng/ul	100
72) Anthracene	17.24	178	3471683	82.226 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	932869	86.339 ng/uL	95
74) Pentachlorobenzene	14.68	250	874986	83.454 ng/uL	95
75) Carbazole	17.51	167	3138888	85.365 ng/ul	99
76) Di-n-butylphthalate	18.08	149	3845148	93.195 ng/ul	99
77) Fluoranthene	19.16	202	3807292	85.995 ng/ul	97
80) Pyrene	19.53	202	3977459	82.545 ng/ul	99
81) Butylbenzylphthalate	20.43	149	1706961	99.730 ng/ul#	93
82) 3,3'-Dichlorobenzidine	21.20	252	1227320	89.824 ng/ul	97
83) Benzo(a)anthracene	21.27	228	3780639	82.212 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.21	149	2611861	97.555 ng/ul	97
85) Chrysene	21.32	228	3641280	79.910 ng/ul	95
87) Di-n-octyl phthalate	22.09	149	4484503	97.903 ng/ul	100
88) Benzo(b)fluoranthene	22.85	252	3900644	82.635 ng/ul	99
89) Benzo(k)fluoranthene	22.90	252	3864504	84.201 ng/ul	98
91) Benzo(a)pyrene	23.43	252	3586902	86.593 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.77	276	4535250	85.402 ng/ul	98
93) Dibenzo(a,h)anthracene	25.79	278	3923417	87.728 ng/ul	98
94) Benzo(g,h,i)perylene	26.47	276	3786792	84.735 ng/ul	99

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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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