Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081018\
Data File : BN002285.D
Acq On : 10 Aug 2018 11:35
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02032

Manual Integrations APPROVED
Sohil
8/13/2018 6:21:52 PM

Quant Time: Aug 11 00:05:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 10 02:01:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	294826	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1346558	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	777392	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1707355	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1500640	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1288119	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	49859	7.63	ng/uL	0.00
5) Phenol-d5	6.86	99	496023	17.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	320780	18.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	397672	18.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	395175	17.67	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	206565	18.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	224956	17.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	407732	17.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	549862	20.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1217786	18.48	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1567886	19.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	204073	16.21	ng/ul	0.00
57) Fluorene-d10	15.31	176	1062864	18.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	194793	17.52	ng/ul	0.00
70) Anthracene-d10	17.16	188	1607736	19.31	ng/ul	0.00
78) Pyrene-d10	19.46	212	1638957	21.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1322856	19.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	52256	7.967	ng/uL	92
4) Benzaldehyde	6.83	77	343905	20.883	ng/ul	94
6) Phenol	6.89	94	507860	18.215	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.12	93	399840	18.807	ng/ul#	87
10) 2-Chlorophenol	7.25	128	402313	18.393	ng/ul#	90
11) 2-Methylphenol	8.13	108	379083	17.678	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.21	45	667573	19.101	ng/ul#	84
14) Acetophenone	8.50	105	646809	19.056	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.49	70	342737	18.427	ng/ul#	84
16) 4-Methylphenol	8.45	108	418081	17.968	ng/ul	99
17) Hexachloroethane	8.75	117	166082	19.209	ng/ul	97
20) Nitrobenzene	8.88	77	500053	19.475	ng/ul	93
21) Isophorone	9.39	82	924343	17.992	ng/ul	97
23) 2-Nitrophenol	9.58	139	233555	18.078	ng/ul#	90
24) 2,4-Dimethylphenol	9.65	107	469223	18.141	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.88	93	556105	17.981	ng/ul	98
27) 2,4-Dichlorophenol	10.11	162	394449	17.995	ng/ul	97
28) Naphthalene	10.50	128	1345420	18.913	ng/ul	100
30) 4-Chloroaniline	10.62	127	541048	20.983	ng/ul	99
31) Hexachlorobutadiene	10.79	225	253041	19.479	ng/ul	100
32) Caprolactam	11.38	113	129733m	15.923	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	431251	17.491	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	952930	18.365	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	483075	19.164 ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	264237	16.526 ng/ul	98
38) 2,4,6-Trichlorophenol	12.74	196	315755	18.223 ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	324569	17.733 ng/ul	100
40) 1,1'-Biphenyl	13.15	154	1247073	19.276 ng/ul	98
41) 2-Chloronaphthalene	13.19	162	966723	19.217 ng/ul	97
42) 2-Nitroaniline	13.39	65	309374	19.128 ng/ul#	78
44) Dimethylphthalate	13.77	163	1206889	18.698 ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	252431	18.504 ng/ul	92
47) Acenaphthylene	14.03	152	1514289	19.242 ng/ul	100
48) 3-Nitroaniline	14.23	138	261435	19.442 ng/ul	93
49) Acenaphthene	14.38	153	1032320	19.005 ng/ul	99
50) 2,4-Dinitrophenol	14.44	184	113640	14.162 ng/ul#	1
52) 4-Nitrophenol	14.55	109	160026	18.187 ng/ul#	84
53) Dibenzofuran	14.72	168	1452804	18.930 ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	367878	18.593 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.95	232	281856	17.537 ng/ul	100
56) Diethylphthalate	15.15	149	1219489	18.607 ng/ul	100
58) Fluorene	15.37	166	1175882	19.192 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	585353	19.235 ng/ul	95
60) 4-Nitroaniline	15.39	138	279345	17.943 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.46	198	201107	17.467 ng/ul	99
64) N-Nitrosodiphenylamine	15.58	169	1007795	19.298 ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	356427	18.972 ng/ul	95
66) Hexachlorobenzene	16.37	284	390795	18.797 ng/ul	95
67) Atrazine	16.53	200	364013	19.318 ng/ul	99
68) Pentachlorophenol	16.72	266	192775	16.301 ng/ul	99
69) Phenanthrene	17.10	178	1853264	19.328 ng/ul	99
71) Anthracene	17.20	178	1917557	19.636 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	506018	19.876 ng/uL	99
73) Pentachlorobenzene	14.64	250	460686	19.345 ng/uL	99
74) Carbazole	17.47	167	1638952	19.841 ng/ul	99
75) Di-n-butylphthalate	18.04	149	2090505	19.140 ng/ul	99
76) Fluoranthene	19.13	202	2062169	20.266 ng/ul	99
79) Pyrene	19.49	202	2078033	21.580 ng/ul	99
80) Butylbenzylphthalate	20.40	149	923458	20.191 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.18	252	587261	18.456 ng/ul	100
82) Benzo(a)anthracene	21.25	228	1852946	19.385 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	1345000	20.769 ng/ul	97
84) Chrysene	21.30	228	1698556	19.067 ng/ul	99
86) Di-n-octyl phthalate	22.06	149	2101568	24.841 ng/ul#	93
87) Benzo(b)fluoranthene	22.82	252	1591111	20.069 ng/ul	100
88) Benzo(k)fluoranthene	22.86	252	1481568	19.671 ng/ul	100
90) Benzo(a)pyrene	23.39	252	1452499	19.282 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.72	276	1602755	18.406 ng/ul	99
92) Dibenzo(a,h)anthracene	25.72	278	1343609	18.436 ng/ul	98
93) Benzo(g,h,i)perylene	26.39	276	1320433	18.046 ng/ul	99

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

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