Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002396.D
Acq On : 18 Aug 2018 01:34
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02051

Quant Time: Aug 18 04:26:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 18 03:20:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	150011	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	728989	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	454113	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1084493	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1220756	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1279641	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	25968	8.17	ng/uL	0.00
5) Phenol-d5	6.85	99	290118	21.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	184844	21.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	222788	21.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	232711	21.16	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	121484	20.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	131931	21.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	242683	21.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	255784	21.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	802585	21.32	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1007322	21.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	144303	20.28	ng/ul	0.00
57) Fluorene-d10	15.30	176	703160	21.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	135905	19.68	ng/ul	0.00
70) Anthracene-d10	17.15	188	1099492	21.22	ng/ul	0.00
78) Pyrene-d10	19.45	212	1232654	21.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1437867	21.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	27728	8.155	ng/uL	90
4) Benzaldehyde	6.83	77	202043	21.381	ng/ul	96
6) Phenol	6.88	94	297704	21.253	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.11	93	223391	20.978	ng/ul#	86
10) 2-Chlorophenol	7.25	128	222207	21.066	ng/ul#	88
11) 2-Methylphenol	8.12	108	225793	21.359	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.20	45	395322	22.415	ng/ul#	84
14) Acetophenone	8.49	105	377982	21.501	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.48	70	205549	22.159	ng/ul#	82
16) 4-Methylphenol	8.45	108	248531	21.609	ng/ul	95
17) Hexachloroethane	8.74	117	92940	21.035	ng/ul	97
20) Nitrobenzene	8.86	77	296121	21.324	ng/ul	92
21) Isophorone	9.38	82	583196	21.785	ng/ul	97
23) 2-Nitrophenol	9.57	139	136226	21.239	ng/ul#	87
24) 2,4-Dimethylphenol	9.63	107	284511	21.631	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.87	93	331874	21.042	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	236846	21.814	ng/ul	99
28) Naphthalene	10.50	128	792220	21.122	ng/ul	98
30) 4-Chloroaniline	10.61	127	260694	21.274	ng/ul	98
31) Hexachlorobutadiene	10.78	225	142761	20.887	ng/ul	98
32) Caprolactam	11.36	113	89181	21.864	ng/ul#	47
33) 4-Chloro-3-methylphenol	11.75	107	274144	21.942	ng/ul	98
34) 2-Methylnaphthalene	12.11	142	592097	21.389	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	288941	21.006	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	157173	18.810	ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	189970	21.448	ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	207926	21.939	ng/ul	97
40) 1,1'-Biphenyl	13.13	154	768043	21.127	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	606186	21.391	ng/ul	97
42) 2-Nitroaniline	13.39	65	203451	22.542	ng/ul#	82
44) Dimethylphthalate	13.77	163	783388	21.218	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	163456	21.913	ng/ul	90
47) Acenaphthylene	14.03	152	950496	21.618	ng/ul	100
48) 3-Nitroaniline	14.22	138	152754	21.523	ng/ul	92
49) Acenaphthene	14.37	153	669838	21.597	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	77286	17.318	ng/ul#	1
52) 4-Nitrophenol	14.53	109	113892	21.117	ng/ul#	80
53) Dibenzofuran	14.71	168	937249	21.420	ng/ul	96
54) 2,4-Dinitrotoluene	14.68	165	251143	22.330	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	14.94	232	181146	21.890	ng/ul	99
56) Diethylphthalate	15.14	149	822338	21.830	ng/ul	100
58) Fluorene	15.36	166	780253	21.795	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	380650	21.544	ng/ul	95
60) 4-Nitroaniline	15.39	138	199385	21.738	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.45	198	140743	19.759	ng/ul	99
64) N-Nitrosodiphenylamine	15.57	169	678437	21.409	ng/ul	98
65) 4-Bromophenyl-phenylether	16.25	248	234428	21.189	ng/ul	92
66) Hexachlorobenzene	16.36	284	264020	21.383	ng/ul	95
67) Atrazine	16.53	200	244606	21.113	ng/ul	99
68) Pentachlorophenol	16.71	266	136022	19.680	ng/ul	97
69) Phenanthrene	17.10	178	1270766	21.255	ng/ul	100
71) Anthracene	17.19	178	1292148	21.310	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	319860	21.093	ng/uL	98
73) Pentachlorobenzene	14.63	250	299420	20.716	ng/uL	100
74) Carbazole	17.46	167	1171401	21.784	ng/ul	99
75) Di-n-butylphthalate	18.03	149	1424796	21.796	ng/ul	100
76) Fluoranthene	19.12	202	1520526	22.346	ng/ul	97
79) Pyrene	19.48	202	1542704	20.958	ng/ul	98
80) Butylbenzylphthalate	20.39	149	675862	21.670	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.17	252	485728	19.966	ng/ul	99
82) Benzo(a)anthracene	21.24	228	1593282	21.304	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	1031886	22.058	ng/ul	99
84) Chrysene	21.29	228	1490687	21.060	ng/ul	100
86) Di-n-octyl phthalate	22.05	149	1788372	21.991	ng/ul#	92
87) Benzo(b)fluoranthene	22.81	252	1670967	21.784	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	1539541	21.305	ng/ul	99
90) Benzo(a)pyrene	23.37	252	1579591	21.618	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.69	276	1817763	20.911	ng/ul	97
92) Dibenzo(a,h)anthracene	25.70	278	1523515	20.964	ng/ul	98
93) Benzo(g,h,i)perylene	26.37	276	1476338	20.355	ng/ul	98

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

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