Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080318\
Data File : BN002215.D
Acq On : 03 Aug 2018 09:17
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02022

Quant Time: Aug 03 15:14:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 25 02:53:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	250431	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1117163	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.32	164	661392	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.07	188	1517221	20.00	ng/ul	-0.01
77) Chrysene-d12	21.26	240	1498586	20.00	ng/ul	-0.02
85) Perylene-d12	23.49	264	1269899	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	45518	8.20	ng/uL	0.00
5) Phenol-d5	6.86	99	424384	17.99	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.03	67	283648	19.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	339158	18.21	ng/ul	-0.01
13) 4-Methylphenol-d8	8.39	113	336763	17.73	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	177964	19.23	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.55	143	174404	16.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	341927	18.05	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.60	131	488493	22.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1072647	19.13	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1407635	20.18	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.53	143	185071	17.28	ng/ul	-0.01
57) Fluorene-d10	15.32	176	978188	20.29	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.45	200	161954	16.39	ng/ul	-0.01
70) Anthracene-d10	17.16	188	1489622	20.14	ng/ul	-0.02
78) Pyrene-d10	19.46	212	1610781	20.68	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.35	264	1383706	20.18	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	45817	8.224	ng/uL	93
4) Benzaldehyde	6.84	77	303784	21.716	ng/ul	94
6) Phenol	6.89	94	440371	18.594	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.12	93	352226	19.504	ng/ul#	87
10) 2-Chlorophenol	7.26	128	338320	18.209	ng/ul#	89
11) 2-Methylphenol	8.13	108	321690	17.661	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.21	45	589196	19.847	ng/ul#	85
14) Acetophenone	8.50	105	573653	19.897	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.49	70	299120	18.933	ng/ul#	83
16) 4-Methylphenol	8.45	108	358002	18.114	ng/ul	99
17) Hexachloroethane	8.75	117	146581	19.959	ng/ul	98
20) Nitrobenzene	8.87	77	437003	20.514	ng/ul	94
21) Isophorone	9.39	82	812629	19.065	ng/ul	97
23) 2-Nitrophenol	9.58	139	187733	17.515	ng/ul	91
24) 2,4-Dimethylphenol	9.65	107	400163	18.648	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.88	93	485854	18.935	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	334188	18.376	ng/ul	96
28) Naphthalene	10.51	128	1190664	20.174	ng/ul	100
30) 4-Chloroaniline	10.62	127	478433	22.365	ng/ul	98
31) Hexachlorobutadiene	10.79	225	221906	20.590	ng/ul	98
32) Caprolactam	11.37	113	111270	16.461	ng/ul#	57
33) 4-Chloro-3-methylphenol	11.75	107	378349	18.496	ng/ul	97
34) 2-Methylnaphthalene	12.12	142	847118	19.678	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	424525	19.795 ng/ul	98
37) Hexachlorocyclopentadiene	12.47	237	233086	17.134 ng/ul	95
38) 2,4,6-Trichlorophenol	12.75	196	262531	17.809 ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	270117	17.346 ng/ul	99
40) 1,1'-Biphenyl	13.15	154	1111386	20.191 ng/ul	99
41) 2-Chloronaphthalene	13.19	162	864690	20.203 ng/ul	96
42) 2-Nitroaniline	13.40	65	270476	19.656 ng/ul#	80
44) Dimethylphthalate	13.78	163	1062761	19.353 ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	223346	19.244 ng/ul	92
47) Acenaphthylene	14.04	152	1368587	20.440 ng/ul	99
48) 3-Nitroaniline	14.23	138	230551	20.152 ng/ul	93
49) Acenaphthene	14.38	153	941186	20.366 ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	90829	13.304 ng/ul#	1
52) 4-Nitrophenol	14.55	109	141122	18.852 ng/ul#	81
53) Dibenzofuran	14.72	168	1328721	20.350 ng/ul	96
54) 2,4-Dinitrotoluene	14.69	165	337122	20.027 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	14.95	232	241181	17.638 ng/ul	99
56) Diethylphthalate	15.15	149	1081434	19.394 ng/ul	99
58) Fluorene	15.37	166	1073078	20.586 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.37	204	527461	20.372 ng/ul	95
60) 4-Nitroaniline	15.39	138	258474	19.515 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.46	198	171815	16.793 ng/ul	99
64) N-Nitrosodiphenylamine	15.58	169	920136	19.828 ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	325141	19.476 ng/ul	91
66) Hexachlorobenzene	16.37	284	362958	19.646 ng/ul	95
67) Atrazine	16.54	200	323099	19.295 ng/ul	97
68) Pentachlorophenol	16.72	266	175424	16.693 ng/ul	99
69) Phenanthrene	17.11	178	1739947	20.420 ng/ul	99
71) Anthracene	17.20	178	1781965	20.535 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	451465	19.956 ng/uL	99
73) Pentachlorobenzene	14.64	250	418469	19.775 ng/uL	97
74) Carbazole	17.47	167	1552127	21.145 ng/ul	99
75) Di-n-butylphthalate	18.04	149	1851272	19.074 ng/ul	100
76) Fluoranthene	19.13	202	1993194	22.043 ng/ul	99
79) Pyrene	19.49	202	2032622	21.137 ng/ul	98
80) Butylbenzylphthalate	20.40	149	821057	17.976 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.19	252	617509	19.433 ng/ul	96
82) Benzo(a)anthracene	21.25	228	1920039	20.115 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	1223440	18.918 ng/ul	99
84) Chrysene	21.30	228	1804245	20.281 ng/ul	99
86) Di-n-octyl phthalate	22.07	149	2000968	23.991 ng/ul#	94
87) Benzo(b)fluoranthene	22.83	252	1640518	20.989 ng/ul	100
88) Benzo(k)fluoranthene	22.87	252	1624679	21.881 ng/ul	98
90) Benzo(a)pyrene	23.39	252	1507021	20.292 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.71	276	1523479	17.746 ng/ul	97
92) Dibenzo(a,h)anthracene	25.72	278	1272105	17.706 ng/ul	99
93) Benzo(g,h,i)perylene	26.39	276	1232992	17.092 ng/ul	98

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

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