Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070318\
Data File : BN001935.D
Acq On : 03 Jul 2018 09:21
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02084

Manual Integrations APPROVED
Sohil
7/5/2018 4:31:05 PM

Quant Time: Jul 03 23:46:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 26 04:45:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	454265	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2093647	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1278879	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3045636	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3318873	20.00	ng/ul	-0.01
83) Perylene-d12	23.51	264	3305973	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	84810m	8.11	ng/uL	0.00
5) Phenol-d5	6.88	99	825647	20.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	527814	20.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	652954	20.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	668570	20.30	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	324759	20.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	334198	20.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	690115	20.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	928117	26.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2187350	20.25	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2724409	20.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	408268	20.52	ng/ul	0.00
57) Fluorene-d10	15.33	176	1923175	20.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	334508	20.16	ng/ul	0.00
70) Anthracene-d10	17.18	188	3010542	20.46	ng/ul	0.00
76) Pyrene-d10	19.48	212	3376550	20.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	3564017	19.82	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	83429	7.742	ng/uL#	81
4) Benzaldehyde	6.86	77	534819	21.309	ng/ul	95
6) Phenol	6.91	94	848389	20.464	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.14	93	660842	20.563	ng/ul	92
10) 2-Chlorophenol	7.28	128	658141	19.949	ng/ul	99
11) 2-Methylphenol	8.15	108	642733	20.269	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.24	45	1086535	21.553	ng/ul	94
14) Acetophenone	8.52	105	1056874	20.898	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.51	70	541652	20.767	ng/ul#	91
16) 4-Methylphenol	8.48	108	717154	20.754	ng/ul	92
17) Hexachloroethane	8.78	117	253517	19.489	ng/ul#	80
20) Nitrobenzene	8.90	77	784232	20.548	ng/ul	92
21) Isophorone	9.42	82	1529587	20.407	ng/ul	98
23) 2-Nitrophenol	9.60	139	370609	21.137	ng/ul	92
24) 2,4-Dimethylphenol	9.67	107	792965	20.094	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.90	93	956691	20.263	ng/ul	97
27) 2,4-Dichlorophenol	10.13	162	681030	20.406	ng/ul	97
28) Naphthalene	10.53	128	2243673	20.196	ng/ul	99
30) 4-Chloroaniline	10.64	127	919887	26.172	ng/ul	98
31) Hexachlorobutadiene	10.82	225	398005	19.529	ng/ul	98
32) Caprolactam	11.39	113	234322	20.162	ng/ul#	82
33) 4-Chloro-3-methylphenol	11.77	107	747260	20.312	ng/ul	95
34) 2-Methylnaphthalene	12.15	142	1643020	20.388	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	825295	19.869 ng/ul#	97
37) Hexachlorocyclopentadiene	12.50	237	485879	19.185 ng/ul#	97
38) 2,4,6-Trichlorophenol	12.76	196	555233	20.494 ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	600225	20.807 ng/ul	100
40) 1,1'-Biphenyl	13.17	154	2159657	20.330 ng/ul#	96
41) 2-Chloronaphthalene	13.20	162	1678424	20.241 ng/ul	98
42) 2-Nitroaniline	13.41	65	496514	21.462 ng/ul	96
44) Dimethylphthalate	13.80	163	2144097	20.200 ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	430979	21.504 ng/ul	99
47) Acenaphthylene	14.06	152	2642981	20.538 ng/ul	100
48) 3-Nitroaniline	14.25	138	453750	23.582 ng/ul	92
49) Acenaphthene	14.40	153	1817565	20.360 ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	200281	19.476 ng/ul#	84
52) 4-Nitrophenol	14.55	109	299629	20.253 ng/ul#	75
53) Dibenzofuran	14.74	168	2609596	20.376 ng/ul	96
54) 2,4-Dinitrotoluene	14.70	165	644180	21.618 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.96	232	531947	20.893 ng/ul#	83
56) Diethylphthalate	15.17	149	2197709	20.431 ng/ul	97
58) Fluorene	15.39	166	2100116	20.554 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.39	204	1043073	20.377 ng/ul	92
60) 4-Nitroaniline	15.41	138	506406	21.318 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.46	198	353998	20.105 ng/ul	93
64) N-Nitrosodiphenylamine	15.60	169	1825787	20.046 ng/ul	99
65) 4-Bromophenyl-phenylether	16.28	248	663603	20.058 ng/ul	94
66) Hexachlorobenzene	16.39	284	739631	19.850 ng/ul#	91
67) Atrazine	16.56	200	668242	20.116 ng/ul	98
68) Pentachlorophenol	16.73	266	414156	20.100 ng/ul	97
69) Phenanthrene	17.13	178	3486905	20.324 ng/ul	100
71) Anthracene	17.22	178	3555269	20.472 ng/ul	98
72) Carbazole	17.49	167	3182042	21.873 ng/ul	99
73) Di-n-butylphthalate	18.06	149	3791606	20.641 ng/ul	99
74) Fluoranthene	19.15	202	4154331	23.036 ng/ul#	89
77) Pyrene	19.51	202	4231577	20.374 ng/ul#	87
78) Butylbenzylphthalate	20.43	149	1777798	20.059 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.20	252	1401854	22.258 ng/ul#	99
80) Benzo(a)anthracene	21.27	228	4248521	20.255 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	2683947	20.308 ng/ul	99
82) Chrysene	21.32	228	3942657	20.202 ng/ul	100
84) Di-n-octyl phthalate	22.10	149	4578902	20.885 ng/ul	100
85) Benzo(b)fluoranthene	22.85	252	4272840	20.463 ng/ul#	97
86) Benzo(k)fluoranthene	22.89	252	3928633	19.403 ng/ul#	96
88) Benzo(a)pyrene	23.42	252	3933741	20.160 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.74	276	4179673	20.131 ng/ul#	88
90) Dibenzo(a,h)anthracene	25.76	278	3484257	20.164 ng/ul#	94
91) Benzo(g,h,i)perylene	26.42	276	3423933	19.991 ng/ul#	92

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

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