Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070918\
Data File : BN002002.D
Acq On : 09 Jul 2018 17:25
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02093

Manual Integrations APPROVED
Sohil
7/10/2018 2:55:20 PM

Quant Time: Jul 10 02:12:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 10 01:03:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	436135	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2107362	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1325445	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3076382	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	3203492	20.00	ng/ul	-0.01
83) Perylene-d12	23.52	264	3201842	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	72054m	7.18	ng/uL	0.00
5) Phenol-d5	6.88	99	817467	20.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	499333	20.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	639337	20.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	673485	21.30	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	333145	21.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	374712	23.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	694675	20.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	925340	25.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2185634	19.53	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2719767	19.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	422398	20.49	ng/ul	0.00
57) Fluorene-d10	15.33	176	1882706	19.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	363112	21.67	ng/ul	0.00
70) Anthracene-d10	17.18	188	2920978	19.65	ng/ul	0.00
76) Pyrene-d10	19.48	212	3157523	19.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.38	264	3361746	19.31	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	73592	7.113	ng/uL#	68
4) Benzaldehyde	6.86	77	519885	21.575	ng/ul	90
6) Phenol	6.91	94	830739	20.871	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	629759	20.410	ng/ul	95
10) 2-Chlorophenol	7.28	128	630795	19.915	ng/ul	99
11) 2-Methylphenol	8.15	108	633890	20.821	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	1034678	21.377	ng/ul	96
14) Acetophenone	8.52	105	1047499	21.573	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.51	70	555234	22.172	ng/ul	91
16) 4-Methylphenol	8.47	108	716391	21.594	ng/ul	93
17) Hexachloroethane	8.77	117	249910	20.010	ng/ul	87
20) Nitrobenzene	8.89	77	779124	20.282	ng/ul	92
21) Isophorone	9.42	82	1570746	20.820	ng/ul	98
23) 2-Nitrophenol	9.60	139	390686	22.137	ng/ul#	93
24) 2,4-Dimethylphenol	9.67	107	794175	19.994	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.90	93	944922	19.883	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	670703	19.966	ng/ul	97
28) Naphthalene	10.53	128	2166771	19.377	ng/ul	99
30) 4-Chloroaniline	10.64	127	914037	25.836	ng/ul	96
31) Hexachlorobutadiene	10.82	225	386548	18.844	ng/ul	98
32) Caprolactam	11.40	113	255534m	21.844	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	771143	20.825	ng/ul	94
34) 2-Methylnaphthalene	12.15	142	1600256	19.729	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	824438	19.151	ng/ul#	96
37) Hexachlorocyclopentadiene	12.50	237	491196	18.714	ng/ul#	99
38) 2,4,6-Trichlorophenol	12.76	196	566255	20.167	ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	602328	20.146	ng/ul	96
40) 1,1'-Biphenyl	13.17	154	2111669	19.180	ng/ul#	96
41) 2-Chloronaphthalene	13.20	162	1640444	19.088	ng/ul	97
42) 2-Nitroaniline	13.41	65	531161	22.153	ng/ul	93
44) Dimethylphthalate	13.80	163	2133582	19.395	ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	452219	21.771	ng/ul	98
47) Acenaphthylene	14.06	152	2628731	19.709	ng/ul	99
48) 3-Nitroaniline	14.25	138	471296	23.634	ng/ul	96
49) Acenaphthene	14.40	153	1794614	19.396	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	238442	22.373	ng/ul#	86
52) 4-Nitrophenol	14.56	109	293796	19.161	ng/ul#	72
53) Dibenzofuran	14.74	168	2547344	19.191	ng/ul	96
54) 2,4-Dinitrotoluene	14.70	165	656032	21.242	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.97	232	546849	20.723	ng/ul#	79
56) Diethylphthalate	15.17	149	2189340	19.638	ng/ul	98
58) Fluorene	15.39	166	2041448	19.278	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	1011542	19.067	ng/ul	92
60) 4-Nitroaniline	15.41	138	526156	21.371	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.47	198	382206	21.490	ng/ul	95
64) N-Nitrosodiphenylamine	15.60	169	1804811	19.617	ng/ul	99
65) 4-Bromophenyl-phenylether	16.28	248	651616	19.499	ng/ul	96
66) Hexachlorobenzene	16.39	284	721871	19.180	ng/ul#	92
67) Atrazine	16.56	200	679205	20.242	ng/ul	98
68) Pentachlorophenol	16.74	266	427642	20.547	ng/ul	97
69) Phenanthrene	17.13	178	3362838	19.405	ng/ul	99
71) Anthracene	17.22	178	3432750	19.569	ng/ul	98
72) Carbazole	17.49	167	3109084	21.158	ng/ul	99
73) Di-n-butylphthalate	18.06	149	3914340	21.096	ng/ul	99
74) Fluoranthene	19.15	202	3936251	21.609	ng/ul#	89
77) Pyrene	19.51	202	3919028	19.549	ng/ul#	85
78) Butylbenzylphthalate	20.43	149	1883051	22.012	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.20	252	1416745	23.305	ng/ul#	97
80) Benzo(a)anthracene	21.27	228	3914326	19.334	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.21	149	2681131	21.017	ng/ul#	98
82) Chrysene	21.32	228	3651643	19.385	ng/ul	99
84) Di-n-octyl phthalate	22.10	149	4694278	22.107	ng/ul	100
85) Benzo(b)fluoranthene	22.85	252	3901048	19.290	ng/ul#	97
86) Benzo(k)fluoranthene	22.90	252	3704107	18.889	ng/ul#	96
88) Benzo(a)pyrene	23.43	252	3656868	19.351	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.76	276	3784309	18.819	ng/ul#	87
90) Dibenzo(a,h)anthracene	25.77	278	3220562	19.244	ng/ul#	95
91) Benzo(g,h,i)perylene	26.44	276	3036061	18.303	ng/ul#	92

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

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