Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061918\
Data File : BN001874.D
Acq On : 19 Jun 2018 13:36
Operator : JU/SJ
Sample : SSTD08085
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 19 14:28:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 19 13:01:30 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD08085

Manual Integrations APPROVED
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6/20/2018 5:07:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	487781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2165701	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1260270	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	2847561	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	2461048	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	2119632	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	348023	25.48	ng/uL	0.00
5) Phenol-d5	6.90	99	3469478	76.23	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.06	67	2111862	80.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	2781111	80.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	2735526	77.17	ng/ul	0.02
19) Nitrobenzene-d5	8.87	128	1368768	77.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	1495031	82.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	2806308	85.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	3231251	96.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	7919536	79.54	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	9783462	74.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	1577789	85.34	ng/ul	0.02
57) Fluorene-d10	15.35	176	6702602	79.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	1390849	85.28	ng/ul	0.02
70) Anthracene-d10	17.20	188	9908498	72.39	ng/ul	0.00
76) Pyrene-d10	19.50	212	10494998	77.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.40	264	8878207	88.74	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	352406	23.965	ng/uL#	77
4) Benzaldehyde	6.87	77	2089255	112.607	ng/ul	92
6) Phenol	6.93	94	3475594	74.860	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	2678053	72.690	ng/ul	94
10) 2-Chlorophenol	7.29	128	2757978	78.503	ng/ul	99
11) 2-Methylphenol	8.16	108	2660107	78.123	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	4164536	104.885	ng/ul	95
14) Acetophenone	8.54	105	4090121	77.623	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	2115409	76.758	ng/ul	93
16) 4-Methylphenol	8.50	108	2846303	78.079	ng/ul	95
17) Hexachloroethane	8.79	117	1098353	74.931	ng/ul	85
20) Nitrobenzene	8.92	77	3137870	72.269	ng/ul	91
21) Isophorone	9.45	82	6073948	73.383	ng/ul	97
23) 2-Nitrophenol	9.62	139	1558680	79.535	ng/ul	93
24) 2,4-Dimethylphenol	9.69	107	3154412	74.722	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.92	93	3706621	70.905	ng/ul	96
27) 2,4-Dichlorophenol	10.15	162	2691372	84.898	ng/ul	98
28) Naphthalene	10.55	128	8423298	74.064	ng/ul	99
30) 4-Chloroaniline	10.66	127	3164842	92.999	ng/ul	97
31) Hexachlorobutadiene	10.83	225	1639684	93.340	ng/ul	98
32) Caprolactam	11.45	113	948916m	81.882	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	2927945	78.564	ng/ul	95
34) 2-Methylnaphthalene	12.16	142	6075992	80.021	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	3162492	83.527	ng/ul#	96
37) Hexachlorocyclopentadiene	12.52	237	2162747	109.544	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.77	196	2188607	85.218	ng/ul	99
39) 2,4,5-Trichlorophenol	12.85	196	2308921	86.221	ng/ul	97
40) 1,1'-Biphenyl	13.18	154	7727734	72.030	ng/ul#	97
41) 2-Chloronaphthalene	13.22	162	6139689	74.240	ng/ul	97
42) 2-Nitroaniline	13.43	65	1991119	79.463	ng/ul	95
44) Dimethylphthalate	13.82	163	7614089	77.311	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	1724542	86.896	ng/ul	98
47) Acenaphthylene	14.07	152	9211766	71.587	ng/ul	98
48) 3-Nitroaniline	14.26	138	1578520	82.382	ng/ul	94
49) Acenaphthene	14.42	153	6402540	72.977	ng/ul	98
50) 2,4-Dinitrophenol	14.46	184	953303	101.816	ng/ul#	86
52) 4-Nitrophenol	14.58	109	1154702	80.822	ng/ul#	78
53) Dibenzofuran	14.75	168	8945232	75.067	ng/ul	97
54) 2,4-Dinitrotoluene	14.72	165	2422866	86.113	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.98	232	2038552	99.689	ng/ul#	82
56) Diethylphthalate	15.19	149	7858130	78.172	ng/ul	99
58) Fluorene	15.40	166	6921534	73.094	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	3498372	79.953	ng/ul	92
60) 4-Nitroaniline	15.43	138	1809446	84.056	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.49	198	1444246	83.885	ng/ul#	97
64) N-Nitrosodiphenylamine	15.62	169	6345892	67.647	ng/ul	100
65) 4-Bromophenyl-phenylether	16.30	248	2405049	82.862	ng/ul	96
66) Hexachlorobenzene	16.40	284	2631647	85.869	ng/ul#	93
67) Atrazine	16.58	200	2484365	87.808	ng/ul	99
68) Pentachlorophenol	16.75	266	1644855	101.662	ng/ul	96
69) Phenanthrene	17.14	178	11282321	68.775	ng/ul	96
71) Anthracene	17.23	178	11264980	66.970	ng/ul	97
72) Carbazole	17.50	167	10343847	71.710	ng/ul#	95
73) Di-n-butylphthalate	18.08	149	12266706	62.534	ng/ul#	94
74) Fluoranthene	19.16	202	12555107	77.019	ng/ul#	86
77) Pyrene	19.53	202	12192377	67.828	ng/ul#	82
78) Butylbenzylphthalate	20.45	149	5995856	67.153	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.22	252	3931834	81.776	ng/ul#	98
80) Benzo(a)anthracene	21.28	228	11296978	68.894	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.23	149	7954503	61.365	ng/ul	97
82) Chrysene	21.34	228	10374309	67.487	ng/ul	94
84) Di-n-octyl phthalate	22.12	149	12214584	68.464	ng/ul	100
85) Benzo(b)fluoranthene	22.87	252	10595231	79.109	ng/ul#	95
86) Benzo(k)fluoranthene	22.92	252	9616337	74.372	ng/ul#	94
88) Benzo(a)pyrene	23.44	252	9512596	75.466	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.79	276	10318352	75.915	ng/ul#	86
90) Dibenzo(a,h)anthracene	25.80	278	8476571	74.861	ng/ul#	94
91) Benzo(g,h,i)perylene	26.47	276	8653510	76.613	ng/ul#	92

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

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