Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062918\
Data File : BN001920.D
Acq On : 29 Jun 2018 08:43
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02093

Quant Time: Jun 29 13:19:37 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	465409	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2123633	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1296299	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3023287	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	3212816	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	3129353	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	83917	7.83	ng/uL	0.00
5) Phenol-d5	6.88	99	839597	19.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	532627	20.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	665185	19.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	676767	20.06	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	328221	20.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	348376	21.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	707778	20.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	928322	25.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2203195	20.13	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2773575	20.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	395356	19.61	ng/ul	0.00
57) Fluorene-d10	15.33	176	1938484	20.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	323066	19.62	ng/ul	0.00
70) Anthracene-d10	17.19	188	2982647	20.42	ng/ul	0.00
76) Pyrene-d10	19.49	212	3338573	20.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	3428320	20.15	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	83129	7.530	ng/uL#	72
4) Benzaldehyde	6.86	77	547859	21.306	ng/ul	95
6) Phenol	6.91	94	857290	20.184	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.14	93	667553	20.274	ng/ul	94
10) 2-Chlorophenol	7.28	128	672730	19.903	ng/ul	97
11) 2-Methylphenol	8.15	108	653548	20.116	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.24	45	1082372	20.956	ng/ul	94
14) Acetophenone	8.52	105	1070337	20.657	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.51	70	546259	20.442	ng/ul	90
16) 4-Methylphenol	8.48	108	719363	20.320	ng/ul	95
17) Hexachloroethane	8.78	117	261231	19.601	ng/ul	87
20) Nitrobenzene	8.90	77	793011	20.485	ng/ul	91
21) Isophorone	9.42	82	1533213	20.167	ng/ul	98
23) 2-Nitrophenol	9.60	139	380266	21.381	ng/ul#	90
24) 2,4-Dimethylphenol	9.67	107	799280	19.968	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.90	93	959520	20.036	ng/ul	97
27) 2,4-Dichlorophenol	10.13	162	687625	20.313	ng/ul	99
28) Naphthalene	10.53	128	2267935	20.126	ng/ul	99
30) 4-Chloroaniline	10.64	127	918835	25.773	ng/ul	96
31) Hexachlorobutadiene	10.82	225	411896	19.926	ng/ul	97
33) 4-Chloro-3-methylphenol	11.77	107	755673	20.251	ng/ul	97
34) 2-Methylnaphthalene	12.15	142	1662520	20.339	ng/ul	99
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	845722	20.087	ng/ul#	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) Hexachlorocyclopentadiene	12.50	237	482333	18.789 ng/ul	97
38) 2,4,6-Trichlorophenol	12.76	196	560709	20.418 ng/ul	98
39) 2,4,5-Trichlorophenol	12.83	196	595698	20.372 ng/ul	98
40) 1,1'-Biphenyl	13.17	154	2194302	20.379 ng/ul#	96
41) 2-Chloronaphthalene	13.21	162	1700635	20.233 ng/ul	98
42) 2-Nitroaniline	13.42	65	497839	21.230 ng/ul	97
44) Dimethylphthalate	13.80	163	2153670	20.017 ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	432559	21.293 ng/ul	98
47) Acenaphthylene	14.06	152	2667453	20.449 ng/ul	99
48) 3-Nitroaniline	14.25	138	448214	22.982 ng/ul	96
49) Acenaphthene	14.40	153	1830890	20.233 ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	192407	18.459 ng/ul	93
52) 4-Nitrophenol	14.56	109	292116	19.480 ng/ul#	73
53) Dibenzofuran	14.74	168	2641464	20.348 ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	635137	21.028 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.96	232	529198	20.505 ng/ul#	86
56) Diethylphthalate	15.17	149	2179896	19.993 ng/ul	97
58) Fluorene	15.39	166	2090966	20.189 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	1036495	19.976 ng/ul	93
60) 4-Nitroaniline	15.41	138	493439	20.493 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.47	198	348215	19.922 ng/ul	99
64) N-Nitrosodiphenylamine	15.60	169	1850920	20.472 ng/ul	97
65) 4-Bromophenyl-phenylether	16.28	248	674808	20.548 ng/ul	95
66) Hexachlorobenzene	16.39	284	737301	19.934 ng/ul#	91
67) Atrazine	16.56	200	670480	20.333 ng/ul	98
68) Pentachlorophenol	16.74	266	417575	20.416 ng/ul	98
69) Phenanthrene	17.13	178	3451705	20.267 ng/ul	100
71) Anthracene	17.22	178	3518918	20.412 ng/ul	98
72) Carbazole	17.49	167	3139071	21.737 ng/ul	99
73) Di-n-butylphthalate	18.07	149	3752518	20.579 ng/ul	99
74) Fluoranthene	19.15	202	4088658	22.839 ng/ul#	88
77) Pyrene	19.52	202	4152743	20.655 ng/ul#	88
78) Butylbenzylphthalate	20.43	149	1735160	20.225 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.20	252	1276623	20.939 ng/ul#	98
80) Benzo(a)anthracene	21.27	228	4142436	20.401 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.22	149	2651638	20.726 ng/ul	99
82) Chrysene	21.32	228	3870431	20.486 ng/ul	100
84) Di-n-octyl phthalate	22.10	149	4454740	21.465 ng/ul	100
85) Benzo(b)fluoranthene	22.85	252	4124531	20.868 ng/ul#	96
86) Benzo(k)fluoranthene	22.90	252	3794846	19.800 ng/ul#	97
88) Benzo(a)pyrene	23.42	252	3741617	20.258 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.75	276	3807914	19.375 ng/ul#	89
90) Dibenzo(a,h)anthracene	25.77	278	3144022	19.222 ng/ul#	95
91) Benzo(g,h,i)perylene	26.43	276	3135441	19.340 ng/ul#	91

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

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