Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032918\
Data File : BN000682.D
Acq On : 29 Mar 2018 16:55
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02042

Quant Time: Mar 30 02:00:00 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 29 07:07:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	161700	20.00	ng/ul	0.00
18) Naphthalene-d8	11.24	136	712578	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	389144	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	805307	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	705057	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	552647	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	35395	7.82	ng/uL	0.00
5) Phenol-d5	7.55	99	316030	20.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	189493	21.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	234536	20.56	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	249612	21.24	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	113083	19.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.31	143	118029	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	216710	20.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.37	131	278692	25.26	ng/ul	0.00
43) Dimethylphthalate-d6	14.41	166	633360	20.60	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	822888	20.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	100086	17.53	ng/ul	0.00
57) Fluorene-d10	16.01	176	546946	20.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	79078	17.15	ng/ul	0.00
70) Anthracene-d10	17.85	188	789373	20.39	ng/ul	0.00
76) Pyrene-d10	20.11	212	805002	20.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	535021	20.51	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	38720	7.943	ng/uL#	86
4) Benzaldehyde	7.53	77	140757	22.885	ng/ul	92
6) Phenol	7.58	94	326840	21.236	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.81	93	260451	21.325	ng/ul	95
10) 2-Chlorophenol	7.96	128	239698	20.581	ng/ul	98
11) 2-Methylphenol	8.85	108	237406	21.032	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.93	45	291162	22.121	ng/ul	95
14) Acetophenone	9.24	105	387200	22.167	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.21	70	196735	21.534	ng/ul	93
16) 4-Methylphenol	9.18	108	259046	21.436	ng/ul	94
17) Hexachloroethane	9.50	117	98587	20.289	ng/ul#	71
20) Nitrobenzene	9.63	77	293927	20.574	ng/ul	95
21) Isophorone	10.15	82	558170	20.495	ng/ul	97
23) 2-Nitrophenol	10.35	139	129404	20.069	ng/ul	93
24) 2,4-Dimethylphenol	10.40	107	280838	20.219	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.63	93	349017	20.291	ng/ul	97
27) 2,4-Dichlorophenol	10.89	162	212127	20.337	ng/ul#	95
28) Naphthalene	11.30	128	762742	20.383	ng/ul	99
30) 4-Chloroaniline	11.40	127	282780	25.255	ng/ul	99
31) Hexachlorobutadiene	11.56	225	119755	20.719	ng/ul	96
32) Caprolactam	12.14	113	78914	20.696	ng/ul	89
33) 4-Chloro-3-methylphenol	12.50	107	251836	20.537	ng/ul	97
34) 2-Methylnaphthalene	12.88	142	522633	20.919	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.24	216	234375	20.047	ng/ul#	93
37) Hexachlorocyclopentadiene	13.21	237	127865	20.974	ng/ul	99
38) 2,4,6-Trichlorophenol	13.47	196	151636	19.121	ng/ul	99
39) 2,4,5-Trichlorophenol	13.55	196	156226	18.893	ng/ul	97
40) 1,1'-Biphenyl	13.87	154	668300	20.174	ng/ul#	94
41) 2-Chloronaphthalene	13.92	162	513870	20.123	ng/ul	96
42) 2-Nitroaniline	14.11	65	158178	20.444	ng/ul	95
44) Dimethylphthalate	14.46	163	625210	20.559	ng/ul	99
45) 2,6-Dinitrotoluene	14.60	165	126778	20.688	ng/ul	90
47) Acenaphthylene	14.75	152	809187	20.366	ng/ul	99
48) 3-Nitroaniline	14.93	138	137354	23.215	ng/ul#	92
49) Acenaphthene	15.09	153	550330	20.315	ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	53776	18.601	ng/ul#	73
52) 4-Nitrophenol	15.24	109	83017	18.818	ng/ul	85
53) Dibenzofuran	15.42	168	757678	20.592	ng/ul	99
54) 2,4-Dinitrotoluene	15.38	165	185599	21.363	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.64	232	123097	19.495	ng/ul#	93
56) Diethylphthalate	15.81	149	643632	20.736	ng/ul	95
58) Fluorene	16.07	166	606613	20.747	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.04	204	283275	20.967	ng/ul#	86
60) 4-Nitroaniline	16.08	138	150969	22.712	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.14	198	83088	17.065	ng/ul#	84
64) N-Nitrosodiphenylamine	16.25	169	518090	19.529	ng/ul	99
65) 4-Bromophenyl-phenylether	16.93	248	164677	20.062	ng/ul#	86
66) Hexachlorobenzene	17.07	284	180647	20.843	ng/ul#	86
67) Atrazine	17.18	200	173179	21.643	ng/ul	95
68) Pentachlorophenol	17.41	266	70178	15.337	ng/ul	97
69) Phenanthrene	17.80	178	941469	20.293	ng/ul	100
71) Anthracene	17.88	178	964448	20.274	ng/ul	98
72) Carbazole	18.15	167	857795	21.028	ng/ul	98
73) Di-n-butylphthalate	18.67	149	1093965	19.720	ng/ul	100
74) Fluoranthene	19.78	202	1019824	22.121	ng/ul#	82
77) Pyrene	20.14	202	1034678	20.092	ng/ul#	77
78) Butylbenzylphthalate	20.98	149	500070	19.550	ng/ul	87
79) 3,3'-Dichlorobenzidine	21.78	252	237402	17.235	ng/ul#	97
80) Benzo(a)anthracene	21.86	228	910188	19.375	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.74	149	721988	19.442	ng/ul#	96
82) Chrysene	21.92	228	851565	19.336	ng/ul	99
84) Di-n-octyl phthalate	22.68	149	1199422	25.785	ng/ul	100
85) Benzo(b)fluoranthene	23.60	252	737519	21.120	ng/ul#	96
86) Benzo(k)fluoranthene	23.65	252	719325	21.337	ng/ul#	96
88) Benzo(a)pyrene	24.25	252	656905	19.988	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.91	276	663751	18.730	ng/ul#	82
90) Dibenzo(a,h)anthracene	26.92	278	555400	18.813	ng/ul#	91
91) Benzo(g,h,i)perylene	27.71	276	545088	18.509	ng/ul#	87

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

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