Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
Data File : BN000657.D
Acq On : 28 Mar 2018 14:01
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02039

Quant Time: Mar 29 07:05:11 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 28 01:35:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	145277	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	641028	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	353658	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	738226	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	666513	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	554484	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	31397	7.72	ng/uL	0.00
5) Phenol-d5	7.55	99	285852	21.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	168162	21.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	211022	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	226959	21.50	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	103817	19.94	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	109269	20.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	199524	20.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	242091	24.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	580758	20.79	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	755396	20.49	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	93802	18.08	ng/ul	0.00
57) Fluorene-d10	16.01	176	493138	20.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	73737	17.44	ng/ul	0.00
70) Anthracene-d10	17.85	188	722562	20.36	ng/ul	0.00
76) Pyrene-d10	20.11	212	743731	20.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	536857	20.51	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	34434	7.862	ng/uL#	85
4) Benzaldehyde	7.53	77	127052	22.992	ng/ul	90
6) Phenol	7.58	94	293467	21.223	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.81	93	232240	21.165	ng/ul	95
10) 2-Chlorophenol	7.97	128	214555	20.505	ng/ul	98
11) 2-Methylphenol	8.85	108	216748	21.373	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.93	45	258685	21.875	ng/ul	94
14) Acetophenone	9.24	105	352962	22.491	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.21	70	178818	21.786	ng/ul	93
16) 4-Methylphenol	9.18	108	234928	21.638	ng/ul	95
17) Hexachloroethane	9.51	117	89231	20.439	ng/ul#	70
20) Nitrobenzene	9.63	77	263766	20.524	ng/ul	96
21) Isophorone	10.15	82	512258	20.909	ng/ul	98
23) 2-Nitrophenol	10.35	139	118166	20.371	ng/ul	94
24) 2,4-Dimethylphenol	10.40	107	257449	20.604	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.63	93	315524	20.392	ng/ul	99
27) 2,4-Dichlorophenol	10.90	162	194203	20.697	ng/ul#	96
28) Naphthalene	11.30	128	689532	20.483	ng/ul	99
30) 4-Chloroaniline	11.40	127	247004	24.522	ng/ul	98
31) Hexachlorobutadiene	11.57	225	108800	20.925	ng/ul	97
32) Caprolactam	12.14	113	74177	21.625	ng/ul	90
33) 4-Chloro-3-methylphenol	12.51	107	222484	20.169	ng/ul	97
34) 2-Methylnaphthalene	12.88	142	474237	21.101	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.24	216	214423	20.181	ng/ul#	95
37) Hexachlorocyclopentadiene	13.21	237	93733	16.918	ng/ul	97
38) 2,4,6-Trichlorophenol	13.48	196	141677	19.658	ng/ul	98
39) 2,4,5-Trichlorophenol	13.55	196	143484	19.094	ng/ul	98
40) 1,1'-Biphenyl	13.87	154	605867	20.124	ng/ul#	95
41) 2-Chloronaphthalene	13.92	162	467810	20.158	ng/ul	96
42) 2-Nitroaniline	14.11	65	146754	20.871	ng/ul	95
44) Dimethylphthalate	14.46	163	572359	20.710	ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	118088	21.204	ng/ul	92
47) Acenaphthylene	14.75	152	735075	20.357	ng/ul	100
48) 3-Nitroaniline	14.93	138	125508	23.342	ng/ul#	95
49) Acenaphthene	15.09	153	500932	20.347	ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	40536	15.428	ng/ul#	76
52) 4-Nitrophenol	15.24	109	76763	19.147	ng/ul	82
53) Dibenzofuran	15.42	168	690450	20.648	ng/ul	99
54) 2,4-Dinitrotoluene	15.38	165	171154	21.677	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.65	232	115298	20.092	ng/ul#	92
56) Diethylphthalate	15.81	149	594986	21.092	ng/ul	96
58) Fluorene	16.07	166	557891	20.995	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.04	204	259163	21.107	ng/ul#	85
60) 4-Nitroaniline	16.08	138	140258	23.218	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.15	198	77212	17.299	ng/ul#	91
64) N-Nitrosodiphenylamine	16.26	169	476796	19.605	ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	152919	20.322	ng/ul#	88
66) Hexachlorobenzene	17.07	284	165512	20.832	ng/ul#	86
67) Atrazine	17.19	200	157758	21.508	ng/ul	95
68) Pentachlorophenol	17.41	266	75141	17.914	ng/ul	97
69) Phenanthrene	17.80	178	856537	20.140	ng/ul	99
71) Anthracene	17.89	178	882476	20.236	ng/ul	98
72) Carbazole	18.15	167	789206	21.104	ng/ul	97
73) Di-n-butylphthalate	18.67	149	1019037	20.038	ng/ul	99
74) Fluoranthene	19.78	202	946997	22.408	ng/ul#	84
77) Pyrene	20.14	202	956154	19.641	ng/ul#	79
78) Butylbenzylphthalate	20.99	149	476400	19.701	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.78	252	226102	17.364	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	865923	19.499	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.74	149	689264	19.634	ng/ul#	97
82) Chrysene	21.92	228	798107	19.170	ng/ul	99
84) Di-n-octyl phthalate	22.69	149	1169046	25.049	ng/ul	100
85) Benzo(b)fluoranthene	23.61	252	754655	21.539	ng/ul#	95
86) Benzo(k)fluoranthene	23.66	252	689379	20.381	ng/ul#	96
88) Benzo(a)pyrene	24.26	252	664950	20.166	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.93	276	651521	18.324	ng/ul#	81
90) Dibenzo(a,h)anthracene	26.93	278	545623	18.421	ng/ul#	92
91) Benzo(g,h,i)perylene	27.72	276	535479	18.123	ng/ul#	89

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

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