Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
Data File : BN000672.D
Acq On : 28 Mar 2018 22:38
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02040

Quant Time: Mar 29 07:12:27 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	167204	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	742496	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	408712	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	861038	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	786660	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	629981	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	36028	7.70	ng/uL	0.00
5) Phenol-d5	7.55	99	330165	21.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	194036	21.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	242969	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	260717	21.46	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	118986	19.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	125338	20.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	227619	20.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	294581	25.63	ng/ul	0.00
43) Dimethylphthalate-d6	14.41	166	670152	20.75	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	868244	20.38	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	111468	18.59	ng/ul	0.00
57) Fluorene-d10	16.01	176	576863	20.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	85987	17.44	ng/ul	0.00
70) Anthracene-d10	17.85	188	839894	20.29	ng/ul	0.00
76) Pyrene-d10	20.11	212	875972	20.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	621400	20.90	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	39355	7.807	ng/uL#	89
4) Benzaldehyde	7.53	77	148027	23.275	ng/ul	94
6) Phenol	7.58	94	340790	21.413	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.81	93	268310	21.246	ng/ul	96
10) 2-Chlorophenol	7.97	128	249192	20.692	ng/ul	97
11) 2-Methylphenol	8.85	108	250493	21.461	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.93	45	300551	22.082	ng/ul	95
14) Acetophenone	9.24	105	404772	22.410	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.21	70	205026	21.703	ng/ul	95
16) 4-Methylphenol	9.18	108	270472	21.645	ng/ul	95
17) Hexachloroethane	9.51	117	103168	20.533	ng/ul#	73
20) Nitrobenzene	9.63	77	306401	20.583	ng/ul	96
21) Isophorone	10.15	82	593105	20.901	ng/ul	97
23) 2-Nitrophenol	10.35	139	136460	20.310	ng/ul	94
24) 2,4-Dimethylphenol	10.40	107	293096	20.251	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.63	93	366279	20.437	ng/ul	98
27) 2,4-Dichlorophenol	10.89	162	221809	20.408	ng/ul#	95
28) Naphthalene	11.30	128	793640	20.354	ng/ul	99
30) 4-Chloroaniline	11.40	127	299990	25.712	ng/ul	97
31) Hexachlorobutadiene	11.57	225	123815	20.558	ng/ul	98
32) Caprolactam	12.14	113	85295	21.468	ng/ul	89
33) 4-Chloro-3-methylphenol	12.50	107	263628	20.633	ng/ul	97
34) 2-Methylnaphthalene	12.88	142	550107	21.132	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	244142	19.883	ng/ul#	94
37) Hexachlorocyclopentadiene	13.21	237	137495	21.474	ng/ul	96
38) 2,4,6-Trichlorophenol	13.47	196	159351	19.132	ng/ul	99
39) 2,4,5-Trichlorophenol	13.55	196	164747	18.970	ng/ul	99
40) 1,1'-Biphenyl	13.87	154	693849	19.942	ng/ul#	95
41) 2-Chloronaphthalene	13.92	162	537167	20.028	ng/ul	95
42) 2-Nitroaniline	14.11	65	169930	20.911	ng/ul	96
44) Dimethylphthalate	14.46	163	659844	20.659	ng/ul#	99
45) 2,6-Dinitrotoluene	14.60	165	134342	20.873	ng/ul#	87
47) Acenaphthylene	14.75	152	853373	20.449	ng/ul	99
48) 3-Nitroaniline	14.92	138	148727	23.934	ng/ul#	90
49) Acenaphthene	15.09	153	577758	20.306	ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	63314	20.851	ng/ul#	78
52) 4-Nitrophenol	15.24	109	89658	19.351	ng/ul	85
53) Dibenzofuran	15.42	168	800494	20.714	ng/ul	100
54) 2,4-Dinitrotoluene	15.38	165	199101	21.820	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	15.64	232	128717	19.409	ng/ul#	93
56) Diethylphthalate	15.81	149	685073	21.014	ng/ul	96
58) Fluorene	16.07	166	641967	20.905	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.04	204	297335	20.954	ng/ul#	85
60) 4-Nitroaniline	16.08	138	168110	24.080	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.15	198	91512	17.578	ng/ul#	91
64) N-Nitrosodiphenylamine	16.25	169	549964	19.388	ng/ul	100
65) 4-Bromophenyl-phenylether	16.93	248	173577	19.778	ng/ul#	87
66) Hexachlorobenzene	17.06	284	190741	20.583	ng/ul#	83
67) Atrazine	17.18	200	179783	21.014	ng/ul	96
68) Pentachlorophenol	17.41	266	76628	15.663	ng/ul	96
69) Phenanthrene	17.80	178	1003849	20.237	ng/ul	100
71) Anthracene	17.88	178	1029743	20.245	ng/ul	98
72) Carbazole	18.15	167	932359	21.376	ng/ul	98
73) Di-n-butylphthalate	18.67	149	1188529	20.038	ng/ul	99
74) Fluoranthene	19.78	202	1105916	22.436	ng/ul#	82
77) Pyrene	20.14	202	1123886	19.560	ng/ul#	78
78) Butylbenzylphthalate	20.98	149	555830	19.475	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.78	252	274881	17.886	ng/ul#	98
80) Benzo(a)anthracene	21.86	228	1025804	19.571	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.74	149	803696	19.397	ng/ul#	97
82) Chrysene	21.91	228	948543	19.304	ng/ul	99
84) Di-n-octyl phthalate	22.68	149	1369917	25.835	ng/ul	100
85) Benzo(b)fluoranthene	23.59	252	833250	20.933	ng/ul#	95
86) Benzo(k)fluoranthene	23.65	252	832842	21.672	ng/ul#	95
88) Benzo(a)pyrene	24.25	252	755048	20.154	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.91	276	742646	18.384	ng/ul#	81
90) Dibenzo(a,h)anthracene	26.91	278	622174	18.488	ng/ul#	91
91) Benzo(g,h,i)perylene	27.70	276	605703	18.043	ng/ul#	87

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

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