Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080717\
Data File : BG028180.D
Acq On : 8 Aug 2017 6:57
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02051

Quant Time: Aug 08 07:45:29 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 08 03:54:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	38818	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	174606	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	125051	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	335208	20.00	ng/ul	0.00
75) Chrysene-d12	22.04	240	367588	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	344496	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	6956	8.34	ng/uL	0.00
5) Phenol-d5	7.50	99	72669	17.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	50152	18.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	51731	19.23	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	62391	17.51	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	27304	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	31294	20.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	58886	19.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	75652	21.94	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	225933	20.31	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	254628	20.31	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	35534	20.09	ng/ul	0.00
57) Fluorene-d10	15.95	176	197493	19.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	42003	19.29	ng/ul	0.00
70) Anthracene-d10	17.81	188	321746	20.02	ng/ul	0.00
76) Pyrene-d10	20.08	212	361355	19.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.31	264	317840	19.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	8047	9.191	ng/uL#	79
4) Benzaldehyde	7.50	77	51131	20.753	ng/ul	96
6) Phenol	7.53	94	78201	18.457	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.76	93	53617	18.577	ng/ul	88
10) 2-Chlorophenol	7.92	128	50478	19.260	ng/ul	98
11) 2-Methylphenol	8.78	108	52108	17.423	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.88	45	127380	18.181	ng/ul#	92
14) Acetophenone	9.18	105	90234	17.757	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.15	70	51710	17.904	ng/ul#	96
16) 4-Methylphenol	9.11	108	60044	17.781	ng/ul	96
17) Hexachloroethane	9.44	117	21722	20.001	ng/ul#	84
20) Nitrobenzene	9.57	77	78493	19.860	ng/ul	99
21) Isophorone	10.08	82	150060	19.984	ng/ul#	97
23) 2-Nitrophenol	10.28	139	30722	20.329	ng/ul	92
24) 2,4-Dimethylphenol	10.32	107	73626	19.600	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.56	93	79460	19.427	ng/ul	95
27) 2,4-Dichlorophenol	10.82	162	53583	19.004	ng/ul	90
28) Naphthalene	11.23	128	170390	19.703	ng/ul	98
30) 4-Chloroaniline	11.33	127	72183	21.599	ng/ul	92
31) Hexachlorobutadiene	11.50	225	41894	20.130	ng/ul	93
32) Caprolactam	12.10	113	24647	21.022	ng/ul	88
33) 4-Chloro-3-methylphenol	12.43	107	70082	19.473	ng/ul	92
34) 2-Methylnaphthalene	12.81	142	134386	19.347	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	80907	20.072 ng/ul	93
37) Hexachlorocyclopentadiene	13.14	237	41852	18.817 ng/ul	97
38) 2,4,6-Trichlorophenol	13.40	196	54645	21.751 ng/ul	97
39) 2,4,5-Trichlorophenol	13.48	196	59393	21.690 ng/ul	95
40) 1,1'-Biphenyl	13.80	154	185280	20.287 ng/ul	98
41) 2-Chloronaphthalene	13.85	162	142695	19.771 ng/ul	97
42) 2-Nitroaniline	14.05	65	61894	20.453 ng/ul	97
44) Dimethylphthalate	14.40	163	206012	20.117 ng/ul	100
45) 2,6-Dinitrotoluene	14.53	165	43793	20.711 ng/ul	93
47) Acenaphthylene	14.69	152	237218	19.794 ng/ul	99
48) 3-Nitroaniline	14.86	138	40936	21.501 ng/ul#	97
49) Acenaphthene	15.03	153	163046	20.164 ng/ul	96
50) 2,4-Dinitrophenol	15.07	184	23655	19.856 ng/ul#	85
52) 4-Nitrophenol	15.16	109	36543	19.943 ng/ul#	78
53) Dibenzofuran	15.36	168	231583	19.644 ng/ul	100
54) 2,4-Dinitrotoluene	15.32	165	68845	21.484 ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.59	232	54415	21.337 ng/ul#	96
56) Diethylphthalate	15.76	149	236119	19.654 ng/ul	99
58) Fluorene	16.00	166	204331	19.577 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.99	204	111927	19.988 ng/ul#	85
60) 4-Nitroaniline	16.03	138	45513	20.149 ng/ul	85
63) 4,6-Dinitro-2-methylphenol	16.08	198	43224	19.576 ng/ul#	99
64) N-Nitrosodiphenylamine	16.20	169	175283	19.876 ng/ul	94
65) 4-Bromophenyl-phenylether	16.89	248	72605	20.152 ng/ul#	80
66) Hexachlorobenzene	17.02	284	77270	20.147 ng/ul	94
67) Atrazine	17.14	200	74896	19.480 ng/ul	97
68) Pentachlorophenol	17.36	266	35390	18.217 ng/ul	91
69) Phenanthrene	17.76	178	347155	20.579 ng/ul	97
71) Anthracene	17.84	178	350762	20.344 ng/ul	98
72) Carbazole	18.11	167	293432	19.569 ng/ul	97
73) Di-n-butylphthalate	18.64	149	376493	20.170 ng/ul	98
74) Fluoranthene	19.75	202	402188	19.617 ng/ul	99
77) Pyrene	20.11	202	425007	19.380 ng/ul	98
78) Butylbenzylphthalate	20.98	149	169481	20.628 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.93	252	139955	19.734 ng/ul#	99
80) Benzo(a)anthracene	22.02	228	423775	19.953 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.89	149	236469	20.238 ng/ul#	98
82) Chrysene	22.10	228	377563	19.739 ng/ul	99
84) Di-n-octyl phthalate	23.19	149	406603	19.695 ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	409945	19.886 ng/ul#	98
86) Benzo(k)fluoranthene	24.50	252	395199	19.626 ng/ul#	97
88) Benzo(a)pyrene	25.38	252	395572	19.818 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.57	276	451912	19.334 ng/ul#	94
90) Dibenzo(a,h)anthracene	29.63	278	387641	19.786 ng/ul	98
91) Benzo(g,h,i)perylene	30.84	276	382160	19.874 ng/ul	99

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

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