Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112816\
Data File : BG024936.D
Acq On : 28 Nov 2016 15:48
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02003

Manual Integrations APPROVED
UMANGI
11/29/2016 2:23:15 PM

Quant Time: Nov 28 18:00:43 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG112316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 25 02:47:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	94203	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	396792	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	324563	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	738464	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	909811	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	950593	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	14962	7.53	ng/uL	0.00
5) Phenol-d5	7.39	99	168802	19.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	104019	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	120248	19.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	139496	18.61	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	62645	20.03	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	74161	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	147289	19.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	170874	20.97	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	478589	20.05	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	538255	20.50	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	81062	19.31	ng/ul	0.00
57) Fluorene-d10	15.85	176	439865	19.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	90934	17.35	ng/ul	0.00
70) Anthracene-d10	17.71	188	665100	19.80	ng/ul	0.00
76) Pyrene-d10	19.98	212	814427	20.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.09	264	849632	20.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	16890	7.18	ng/uL	86
4) Benzaldehyde	7.38	77	125455	22.45	ng/ul	99
6) Phenol	7.42	94	178891	19.92	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.66	93	125519	19.68	ng/ul	93
10) 2-Chlorophenol	7.80	128	113083	18.91	ng/ul	88
11) 2-Methylphenol	8.68	108	123879	18.68	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.77	45	213364	19.59	ng/ul	98
14) Acetophenone	9.07	105	205163	18.86	ng/ul#	93
15) N-Nitroso-di-n-propylamine	9.05	70	120448	18.69	ng/ul	92
16) 4-Methylphenol	9.01	108	136613	18.76	ng/ul	96
17) Hexachloroethane	9.34	117	54280	19.92	ng/ul	92
20) Nitrobenzene	9.47	77	178802	19.55	ng/ul	98
21) Isophorone	9.98	82	340412	19.63	ng/ul#	97
23) 2-Nitrophenol	10.18	139	79194	20.50	ng/ul#	86
24) 2,4-Dimethylphenol	10.22	107	176865	19.80	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.46	93	177714	19.44	ng/ul	93
27) 2,4-Dichlorophenol	10.71	162	141205	19.58	ng/ul	93
28) Naphthalene	11.12	128	393492	20.31	ng/ul#	95
30) 4-Chloroaniline	11.24	127	165571	20.75	ng/ul	92
31) Hexachlorobutadiene	11.39	225	120071	20.95	ng/ul	95
32) Caprolactam	11.99	113	48923	17.66	ng/ul	87
33) 4-Chloro-3-methylphenol	12.33	107	165250	18.41	ng/ul	98
34) 2-Methylnaphthalene	12.71	142	302436	19.16	ng/ul	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	221432	21.59	ng/ul#	89
37) Hexachlorocyclopentadiene	13.04	237	101865	16.18	ng/ul	98
38) 2,4,6-Trichlorophenol	13.31	196	135956m	20.68	ng/ul	
39) 2,4,5-Trichlorophenol	13.38	196	147420	19.78	ng/ul	95
40) 1,1'-Biphenyl	13.70	154	427395	20.48	ng/ul	96
41) 2-Chloronaphthalene	13.75	162	344624	20.92	ng/ul	98
42) 2-Nitroaniline	13.96	65	134579	20.05	ng/ul	97
44) Dimethylphthalate	14.30	163	445473	19.06	ng/ul	97
45) 2,6-Dinitrotoluene	14.44	165	98516	19.33	ng/ul#	90
47) Acenaphthylene	14.60	152	523026	20.59	ng/ul	98
48) 3-Nitroaniline	14.77	138	89544	19.72	ng/ul#	91
49) Acenaphthene	14.93	153	358265	20.52	ng/ul	95
50) 2,4-Dinitrophenol	14.98	184	53971	15.45	ng/ul	90
52) 4-Nitrophenol	15.07	109	95164	19.43	ng/ul	98
53) Dibenzofuran	15.26	168	564722	20.84	ng/ul	97
54) 2,4-Dinitrotoluene	15.23	165	147408	19.56	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.48	232	149656	19.78	ng/ul	95
56) Diethylphthalate	15.65	149	462935	19.35	ng/ul	97
58) Fluorene	15.91	166	454116	20.43	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.89	204	250933	20.37	ng/ul#	85
60) 4-Nitroaniline	15.93	138	101617	20.42	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.98	198	93780	17.71	ng/ul#	95
64) N-Nitrosodiphenylamine	16.11	169	410609	19.92	ng/ul	94
65) 4-Bromophenyl-phenylether	16.79	248	178166	19.47	ng/ul	94
66) Hexachlorobenzene	16.91	284	205454	19.99	ng/ul	95
67) Atrazine	17.04	200	185165	19.87	ng/ul	94
68) Pentachlorophenol	17.25	266	109134	18.26	ng/ul	88
69) Phenanthrene	17.65	178	764199	20.12	ng/ul	99
71) Anthracene	17.75	178	783512	20.04	ng/ul	98
72) Carbazole	18.01	167	658390	20.38	ng/ul	97
73) Di-n-butylphthalate	18.53	149	793092	19.72	ng/ul	98
74) Fluoranthene	19.65	202	945637	21.58	ng/ul	97
77) Pyrene	20.01	202	942396	19.99	ng/ul	97
78) Butylbenzylphthalate	20.87	149	373970	20.21	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.79	252	381942	22.29	ng/ul	98
80) Benzo(a)anthracene	21.88	228	1016231	20.33	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.74	149	523284	20.12	ng/ul	98
82) Chrysene	21.95	228	973836	20.66	ng/ul	99
84) Di-n-octyl phthalate	23.01	149	892869	20.97	ng/ul	100
85) Benzo(b)fluoranthene	24.23	252	1010183	19.92	ng/ul	100
86) Benzo(k)fluoranthene	24.30	252	994444	20.49	ng/ul	99
88) Benzo(a)pyrene	25.17	252	972162	19.73	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.26	276	1211572	20.05	ng/ul#	96
90) Dibenzo(a,h)anthracene	29.32	278	1002345	19.88	ng/ul	96
91) Benzo(g,h,i)perylene	30.49	276	984877	19.80	ng/ul	96

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

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