Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103015\
Data File : BG019430.D
Acq On : 30 Oct 2015 12:19
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02022

Manual Integrations APPROVED
Mmdadoda
11/2/2015 11:45:34 AM

Quant Time: Oct 31 01:19:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 31 01:51:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	46350	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	182806	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	144690	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	373645	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	466756	20.00	ng/ul	0.00
86) Perylene-d12	25.24	264	401845	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	6976	7.21	ng/uL	0.00
5) Phenol-d5	7.36	99	88606	20.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	55670	20.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	54696	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	71414	21.07	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	28186	20.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	33714	21.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	77718	22.46	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	80430	22.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	227941	19.11	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	263271	19.93	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	36150	19.08	ng/ul	0.00
58) Fluorene-d10	15.82	176	216304	19.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	46499	19.23	ng/ul	0.00
71) Anthracene-d10	17.67	188	348490	20.46	ng/ul	0.00
79) Pyrene-d10	19.95	212	404492	19.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.01	264	408875	20.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	8050	7.31	ng/uL#	85
4) Benzaldehyde	7.33	77	64064	23.15	ng/ul	95
6) Phenol	7.38	94	97260	21.46	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.61	93	62862	20.19	ng/ul	93
10) 2-Chlorophenol	7.77	128	55687	20.37	ng/ul	97
11) 2-Methylphenol	8.65	108	68604	20.47	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.74	45	47951	19.21	ng/ul	99
14) Acetophenone	9.03	105	114619	20.15	ng/ul	87
15) N-Nitroso-di-n-propylamine	9.01	70	70470	18.90	ng/ul#	88
16) 4-Methylphenol	8.97	108	75426	20.60	ng/ul	97
17) Hexachloroethane	9.30	117	23540	16.48	ng/ul#	81
20) Nitrobenzene	9.42	77	109471	20.84	ng/ul	97
21) Isophorone	9.94	82	177709	18.67	ng/ul	97
23) 2-Nitrophenol	10.13	139	35936	19.84	ng/ul#	83
24) 2,4-Dimethylphenol	10.19	107	95819	20.25	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.42	93	91071	20.22	ng/ul#	97
27) 2,4-Dichlorophenol	10.68	162	69886	21.14	ng/ul#	89
28) Naphthalene	11.09	128	184733	20.20	ng/ul	97
30) 4-Chloroaniline	11.19	127	83985	22.89	ng/ul	95
31) Hexachlorobutadiene	11.36	225	63589	18.82	ng/ul	96
32) Caprolactam	11.95	113	22459m	18.95	ng/ul	
33) 4-Chloro-3-methylphenol	12.30	107	94592	21.31	ng/ul#	97
34) 2-Methylnaphthalene	12.68	142	146886	19.98	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.89	142	144502	20.78	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	119224	19.99	ng/ul	98
38) Hexachlorocyclopentadiene	13.01	237	51361	11.61	ng/ul	97
39) 2,4,6-Trichlorophenol	13.27	196	72879	20.67	ng/ul	94
40) 2,4,5-Trichlorophenol	13.35	196	81449	21.05	ng/ul	93
41) 1,1'-Biphenyl	13.67	154	205760	20.12	ng/ul#	96
42) 2-Chloronaphthalene	13.72	162	164130	20.57	ng/ul	97
43) 2-Nitroaniline	13.92	65	69235	20.29	ng/ul	96
45) Dimethylphthalate	14.28	163	225732	18.50	ng/ul#	98
46) 2,6-Dinitrotoluene	14.40	165	50285	20.36	ng/ul	98
48) Acenaphthylene	14.56	152	267236	19.74	ng/ul	99
49) 3-Nitroaniline	14.74	138	44081	20.74	ng/ul#	89
50) Acenaphthene	14.90	153	183107	20.03	ng/ul	97
51) 2,4-Dinitrophenol	14.93	184	30993	16.69	ng/ul	94
53) 4-Nitrophenol	15.04	109	56339	19.06	ng/ul#	88
54) Dibenzofuran	15.23	168	265846	19.75	ng/ul	96
55) 2,4-Dinitrotoluene	15.18	165	70757	18.14	ng/ul#	88
56) 2,3,4,6-Tetrachlorophenol	15.45	232	79999	19.78	ng/ul#	98
57) Diethylphthalate	15.63	149	215417	17.88	ng/ul	99
59) Fluorene	15.87	166	224723	19.14	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.86	204	134895	19.33	ng/ul	97
61) 4-Nitroaniline	15.89	138	46810	19.16	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.95	198	48903	18.70	ng/ul#	96
65) N-Nitrosodiphenylamine	16.07	169	205490	21.26	ng/ul	99
66) 4-Bromophenyl-phenylether	16.76	248	90906	20.47	ng/ul	96
67) Hexachlorobenzene	16.88	284	97222	20.63	ng/ul	95
68) Atrazine	17.01	200	88548	18.48	ng/ul	96
69) Pentachlorophenol	17.22	266	56680	20.38	ng/ul	90
70) Phenanthrene	17.62	178	385987	20.47	ng/ul	98
72) Anthracene	17.71	178	391058	20.35	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	122040	22.54	ng/uL	97
74) Pentachlorobenzene	15.15	250	115786	21.22	ng/uL	98
75) Carbazole	17.98	167	318028	20.73	ng/ul	96
76) Di-n-butylphthalate	18.52	149	361770	19.03	ng/ul	98
77) Fluoranthene	19.62	202	496824	20.35	ng/ul#	98
80) Pyrene	19.98	202	515224	19.67	ng/ul#	94
81) Butylbenzylphthalate	20.85	149	158444	18.61	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.75	252	181884	19.89	ng/ul	95
83) Benzo(a)anthracene	21.84	228	531908	19.57	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.73	149	223298	18.46	ng/ul#	96
85) Chrysene	21.91	228	501330	19.66	ng/ul	98
87) Di-n-octyl phthalate	23.00	149	377569	20.75	ng/ul	100
88) Benzo(b)fluoranthene	24.17	252	482969	20.38	ng/ul#	98
89) Benzo(k)fluoranthene	24.24	252	513857m	22.53	ng/ul	
91) Benzo(a)pyrene	25.08	252	445617	19.57	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.12	276	449218m	17.51	ng/ul	
93) Dibenzo(a,h)anthracene	29.19	278	352194m	16.45	ng/ul	
94) Benzo(g,h,i)perylene	30.35	276	347574m	17.85	ng/ul	

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

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