Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024200.D
Acq On : 6 Oct 2016 15:45
Operator : UM/SJ
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 06 16:37:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 06 16:00:02 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	159272	20.00	ng/ul	0.00
18) Naphthalene-d8	11.14	136	701471	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.92	164	541677	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	1152294	20.00	ng/ul	0.00
75) Chrysene-d12	21.96	240	1234195	20.00	ng/ul	0.00
83) Perylene-d12	25.43	264	1220626	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	98411	28.05	ng/uL	0.00
5) Phenol-d5	7.43	99	1178422	78.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.62	67	773012m	75.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.83	132	824921	77.82	ng/ul	0.00
13) 4-Methylphenol-d8	9.00	113	944804	80.91	ng/ul	0.00
19) Nitrobenzene-d5	9.49	128	413449	72.96	ng/ul	0.01
22) 2-Nitrophenol-d4	10.21	143	483297	74.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.74	165	954575	81.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.27	131	991118	69.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.32	166	2659933	59.24	ng/ul	0.00
46) Acenaphthylene-d8	14.62	160	3129340	61.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.10	143	550233	75.82	ng/ul	0.02
57) Fluorene-d10	15.91	176	2521845	64.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.02	200	598874	81.99	ng/ul	0.01
70) Anthracene-d10	17.76	188	3484324	65.59	ng/ul	0.00
76) Pyrene-d10	20.03	212	3754677	63.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.20	264	4121745	73.76	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	111508	30.31	ng/uL#	53
4) Benzaldehyde	7.44	77	845694	87.78	ng/ul	82
6) Phenol	7.46	94	1188634	77.68	ng/ul#	55
8) Bis(2-Chloroethyl)ether	7.72	93	887000	75.98	ng/ul#	80
10) 2-Chlorophenol	7.86	128	803812	74.34	ng/ul#	76
11) 2-Methylphenol	8.73	108	881736	75.77	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.83	45	1696860	101.67	ng/ul#	91
14) Acetophenone	9.14	105	1383019	72.84	ng/ul#	65
15) N-Nitroso-di-n-propylamine	9.13	70	852333	72.49	ng/ul#	68
16) 4-Methylphenol	9.07	108	951935	75.22	ng/ul	98
17) Hexachloroethane	9.40	117	366665	76.83	ng/ul#	79
20) Nitrobenzene	9.53	77	1239235	74.73	ng/ul#	81
21) Isophorone	10.06	82	2222903	72.42	ng/ul#	91
23) 2-Nitrophenol	10.24	139	502398	72.18	ng/ul#	43
24) 2,4-Dimethylphenol	10.28	107	1129515	75.18	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.53	93	1207694	69.98	ng/ul	95
27) 2,4-Dichlorophenol	10.77	162	903831	77.50	ng/ul	96
28) Naphthalene	11.19	128	2440643	68.03	ng/ul	97
30) 4-Chloroaniline	11.29	127	991650	70.74	ng/ul	97
31) Hexachlorobutadiene	11.45	225	716814	85.44	ng/ul	96
32) Caprolactam	12.09	113	353815m	77.88	ng/ul	
33) 4-Chloro-3-methylphenol	12.38	107	1078781	74.85	ng/ul#	82
34) 2-Methylnaphthalene	12.77	142	1939894	70.98	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.12	216	1254253	69.70	ng/ul	97
37) Hexachlorocyclopentadiene	13.10	237	948958	120.75	ng/ul	97
38) 2,4,6-Trichlorophenol	13.36	196	830743	70.19	ng/ul	93
39) 2,4,5-Trichlorophenol	13.43	196	892388	72.94	ng/ul	98
40) 1,1'-Biphenyl	13.76	154	2525362	59.61	ng/ul	95
41) 2-Chloronaphthalene	13.81	162	2054083	63.78	ng/ul	88
42) 2-Nitroaniline	14.01	65	926944	69.38	ng/ul#	57
44) Dimethylphthalate	14.37	163	2622677	58.40	ng/ul#	94
45) 2,6-Dinitrotoluene	14.49	165	629495	65.67	ng/ul#	73
47) Acenaphthylene	14.65	152	2946599	55.62	ng/ul#	92
48) 3-Nitroaniline	14.83	138	551557	61.07	ng/ul#	54
49) Acenaphthene	14.98	153	2186717	61.63	ng/ul	91
50) 2,4-Dinitrophenol	15.02	184	429420	84.41	ng/ul#	77
52) 4-Nitrophenol	15.11	109	656991	90.12	ng/ul#	64
53) Dibenzofuran	15.32	168	3013669	58.42	ng/ul#	71
54) 2,4-Dinitrotoluene	15.27	165	894876	63.88	ng/ul#	56
55) 2,3,4,6-Tetrachlorophenol	15.53	232	904589	80.15	ng/ul	98
56) Diethylphthalate	15.72	149	2705145	58.97	ng/ul#	88
58) Fluorene	15.97	166	2541875	60.83	ng/ul#	99
59) 4-Chlorophenyl-phenylether	15.95	204	1478823	70.04	ng/ul	94
60) 4-Nitroaniline	15.99	138	644995	64.32	ng/ul#	36
63) 4,6-Dinitro-2-methylphenol	16.03	198	611873	80.24	ng/ul#	86
64) N-Nitrosodiphenylamine	16.16	169	2350439	68.90	ng/ul	98
65) 4-Bromophenyl-phenylether	16.84	248	1032001	77.76	ng/ul	94
66) Hexachlorobenzene	16.95	284	1127978	78.91	ng/ul	94
67) Atrazine	17.11	200	1042099	74.58	ng/ul	96
68) Pentachlorophenol	17.29	266	768648	124.06	ng/ul	91
69) Phenanthrene	17.71	178	3780810	61.99	ng/ul#	82
71) Anthracene	17.80	178	3749467	59.78	ng/ul#	79
72) Carbazole	18.06	167	3391336	66.25	ng/ul#	86
73) Di-n-butylphthalate	18.60	149	3654150	52.78	ng/ul#	82
74) Fluoranthene	19.70	202	4027793	61.99	ng/ul	100
77) Pyrene	20.06	202	3918141	53.72	ng/ul	99
78) Butylbenzylphthalate	20.92	149	1978180	59.96	ng/ul#	76
79) 3,3'-Dichlorobenzidine	21.85	252	1762959	71.87	ng/ul#	96
80) Benzo(a)anthracene	21.94	228	4449836	62.37	ng/ul#	80
81) Bis(2-ethylhexyl)phthalate	21.82	149	2656009	59.85	ng/ul#	88
82) Chrysene	22.02	228	4179693	65.09	ng/ul#	75
84) Di-n-octyl phthalate	23.12	149	4245164	60.51	ng/ul	100
85) Benzo(b)fluoranthene	24.32	252	4858746m	68.46	ng/ul	
86) Benzo(k)fluoranthene	24.40	252	4532988m	66.13	ng/ul	
88) Benzo(a)pyrene	25.27	252	4696848m	68.96	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.41	276	5954526	74.36	ng/ul#	82
90) Dibenzo(a,h)anthracene	29.50	278	4907386	71.47	ng/ul#	86
91) Benzo(g,h,i)perylene	30.68	276	4935124	74.52	ng/ul#	80

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

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