Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012716\
Data File : BG020764.D
Acq On : 27 Jan 2016 14:01
Operator : SJ/IZ
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD08005

Quant Time: Jan 27 14:39:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 27 13:19:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	17541	20.00	ng/ul	0.00
18) Naphthalene-d8	11.12	136	96392	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.90	164	58468	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.64	188	121985	20.00	ng/ul	0.00
78) Chrysene-d12	21.92	240	107345	20.00	ng/ul	0.00
86) Perylene-d12	25.32	264	103025	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	11191	31.17	ng/uL	0.00
5) Phenol-d5	7.42	99	153111	101.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	74931	82.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	116360	98.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.99	113	130093	102.61	ng/ul	0.01
19) Nitrobenzene-d5	9.46	128	54620	71.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.19	143	52573	59.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	119180	70.84	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	157928	94.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.30	166	373864	73.28	ng/ul	0.00
47) Acenaphthylene-d8	14.60	160	476144	83.10	ng/ul	0.00
52) 4-Nitrophenol-d4	15.07	143	75756	110.57	ng/ul	0.02
58) Fluorene-d10	15.89	176	327165	71.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.00	200	37882	57.10	ng/ul	0.02
71) Anthracene-d10	17.74	188	466219	77.97	ng/ul	0.00
79) Pyrene-d10	20.00	212	459063	89.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.10	264	450048	81.95	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	12955	29.86	ng/uL#	83
4) Benzaldehyde	7.41	77	85309	82.94	ng/ul#	81
6) Phenol	7.45	94	158291	97.92	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.70	93	115980	97.50	ng/ul	94
10) 2-Chlorophenol	7.84	128	119125	96.36	ng/ul#	90
11) 2-Methylphenol	8.71	108	125884	101.14	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.82	45	125771	81.62	ng/ul#	94
14) Acetophenone	9.12	105	192883	92.21	ng/ul#	88
15) N-Nitroso-di-n-propylamine	9.11	70	96939	91.37	ng/ul	90
16) 4-Methylphenol	9.05	108	138732	100.53	ng/ul	96
17) Hexachloroethane	9.38	117	40167	76.46	ng/ul#	76
20) Nitrobenzene	9.50	77	121219	61.30	ng/ul#	83
21) Isophorone	10.03	82	277603	71.79	ng/ul#	94
23) 2-Nitrophenol	10.22	139	64577	65.87	ng/ul#	74
24) 2,4-Dimethylphenol	10.26	107	140816	68.36	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.50	93	177284	81.88	ng/ul#	96
27) 2,4-Dichlorophenol	10.75	162	123677	69.28	ng/ul	98
28) Naphthalene	11.17	128	414424	76.08	ng/ul	99
30) 4-Chloroaniline	11.27	127	166377	93.01	ng/ul	97
31) Hexachlorobutadiene	11.44	225	57563	37.95	ng/ul	97
32) Caprolactam	12.04	113	25159	41.31	ng/ul	83
33) 4-Chloro-3-methylphenol	12.36	107	139945	72.61	ng/ul	89
34) 2-Methylnaphthalene	12.75	142	316515	77.89	ng/ul	97

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35) 1-Methylnaphthalene	12.97	142	299174	78.03	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	13.11	216	136941	57.28	ng/ul#	97
38) Hexachlorocyclopentadiene	13.09	237	73780	143.59	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.34	196	93090	71.37	ng/ul	99
40) 2,4,5-Trichlorophenol	13.41	196	100829	70.43	ng/ul	99
41) 1,1'-Biphenyl	13.74	154	400003	85.51	ng/ul#	97
42) 2-Chloronaphthalene	13.79	162	296127	77.71	ng/ul	99
43) 2-Nitroaniline	13.98	65	71559	65.29	ng/ul#	76
45) Dimethylphthalate	14.35	163	386437	70.49	ng/ul#	99
46) 2,6-Dinitrotoluene	14.47	165	71093	66.22	ng/ul	95
48) Acenaphthylene	14.63	152	514168	85.02	ng/ul	97
49) 3-Nitroaniline	14.80	138	80651	84.77	ng/ul#	88
50) Acenaphthene	14.96	153	360998	86.49	ng/ul	99
51) 2,4-Dinitrophenol	15.00	184	28045	100.64	ng/ul	93
53) 4-Nitrophenol	15.09	109	41311	65.32	ng/ul#	45
54) Dibenzofuran	15.30	168	455369	72.49	ng/ul	95
55) 2,4-Dinitrotoluene	15.25	165	98051	60.72	ng/ul#	89
56) 2,3,4,6-Tetrachlorophenol	15.51	232	87479	68.61	ng/ul#	82
57) Diethylphthalate	15.70	149	399406	71.78	ng/ul	97
59) Fluorene	15.94	166	395772	77.24	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.93	204	172783	58.07	ng/ul	91
61) 4-Nitroaniline	15.96	138	95427	86.63	ng/ul#	74
64) 4,6-Dinitro-2-methylphenol	16.01	198	46422	65.06	ng/ul	98
65) N-Nitrosodiphenylamine	16.14	169	328718	93.03	ng/ul	93
66) 4-Bromophenyl-phenylether	16.82	248	108465	70.32	ng/ul	94
67) Hexachlorobenzene	16.94	284	119785	70.06	ng/ul#	88
68) Atrazine	17.08	200	108776	69.40	ng/ul	97
69) Pentachlorophenol	17.28	266	71140	152.37	ng/ul	98
70) Phenanthrene	17.68	178	595725	82.08	ng/ul	95
72) Anthracene	17.77	178	584651	79.80	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.71	216	131363	74.86	ng/uL	99
74) Pentachlorobenzene	15.22	250	128609	70.37	ng/uL	98
75) Carbazole	18.04	167	533011	88.77	ng/ul	94
76) Di-n-butylphthalate	18.58	149	656610	89.40	ng/ul	98
77) Fluoranthene	19.67	202	617728	70.02	ng/ul#	77
80) Pyrene	20.03	202	610360	89.67	ng/ul#	74
81) Butylbenzylphthalate	20.90	149	275558	120.47	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.81	252	191141	90.24	ng/ul#	97
83) Benzo(a)anthracene	21.91	228	544572	81.32	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.80	149	423820	125.63	ng/ul#	97
85) Chrysene	21.98	228	505656	79.86	ng/ul	97
87) Di-n-octyl phthalate	23.08	149	686043	117.57	ng/ul	100
88) Benzo(b)fluoranthene	24.24	252	548548	82.65	ng/ul#	92
89) Benzo(k)fluoranthene	24.31	252	525936	80.25	ng/ul#	91
91) Benzo(a)pyrene	25.17	252	514224	80.52	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	29.23	276	623284	82.71	ng/ul#	86
93) Dibenzo(a,h)anthracene	29.31	278	507904	81.84	ng/ul#	91
94) Benzo(g,h,i)perylene	30.46	276	508982	81.87	ng/ul#	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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