Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028384.D
Acq On : 21 Aug 2017 10:34
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02075

Manual Integrations APPROVED
Sohil
8/22/2017 5:49:58 PM

Quant Time: Aug 22 01:24:02 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 06:52:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	41176	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	193071	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	147097	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	350866m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	396278	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	375680	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	5863	6.63	ng/uL	0.00
5) Phenol-d5	7.49	99	78936	17.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	49156	17.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	56620	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	67151	17.77	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	31020	20.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	35702	21.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	71408	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	84709	22.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	245849	18.79	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	279614	18.96	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	32934	15.83	ng/ul	0.00
57) Fluorene-d10	15.94	176	211378	18.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	41439	18.18	ng/ul	0.00
70) Anthracene-d10	17.80	188	317189	18.85	ng/ul	0.00
76) Pyrene-d10	20.07	212	354765	17.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	333607	18.97	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	7460	8.033	ng/uL#	81
4) Benzaldehyde	7.48	77	49767	19.043	ng/ul	88
6) Phenol	7.52	94	79684	17.730	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.75	93	55955	18.277	ng/ul	97
10) 2-Chlorophenol	7.91	128	56156	20.200	ng/ul	91
11) 2-Methylphenol	8.78	108	57183	18.025	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.86	45	117652	15.831	ng/ul	96
14) Acetophenone	9.16	105	99124	18.389	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.13	70	57753	18.851	ng/ul	93
16) 4-Methylphenol	9.10	108	65184	18.197	ng/ul	91
17) Hexachloroethane	9.43	117	22785	19.778	ng/ul#	86
20) Nitrobenzene	9.55	77	80841	18.497	ng/ul#	93
21) Isophorone	10.07	82	158788	19.124	ng/ul#	97
23) 2-Nitrophenol	10.27	139	34086	20.397	ng/ul	88
24) 2,4-Dimethylphenol	10.31	107	81860	19.708	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.54	93	86200	19.059	ng/ul	93
27) 2,4-Dichlorophenol	10.81	162	64731	20.762	ng/ul	95
28) Naphthalene	11.21	128	183342	19.173	ng/ul	97
30) 4-Chloroaniline	11.32	127	80204	21.704	ng/ul	89
31) Hexachlorobutadiene	11.48	225	46065	20.017	ng/ul	92
32) Caprolactam	12.07	113	24612m	18.984	ng/ul	
33) 4-Chloro-3-methylphenol	12.42	107	81198	20.404	ng/ul	97
34) 2-Methylnaphthalene	12.79	142	150106	19.543	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	91535	19.306 ng/ul	99
37) Hexachlorocyclopentadiene	13.13	237	43750	16.723 ng/ul	99
38) 2,4,6-Trichlorophenol	13.39	196	62064	21.002 ng/ul	97
39) 2,4,5-Trichlorophenol	13.48	196	67308	20.896 ng/ul	94
40) 1,1'-Biphenyl	13.79	154	202218	18.823 ng/ul	98
41) 2-Chloronaphthalene	13.83	162	158184	18.632 ng/ul	98
42) 2-Nitroaniline	14.04	65	66041	18.553 ng/ul#	92
44) Dimethylphthalate	14.39	163	222340	18.457 ng/ul	97
45) 2,6-Dinitrotoluene	14.52	165	48081	19.331 ng/ul#	89
47) Acenaphthylene	14.68	152	260795	18.500 ng/ul	98
48) 3-Nitroaniline	14.86	138	41413	18.491 ng/ul#	91
49) Acenaphthene	15.01	153	173758	18.268 ng/ul	95
50) 2,4-Dinitrophenol	15.06	184	21145	15.089 ng/ul	88
52) 4-Nitrophenol	15.16	109	32598	15.124 ng/ul#	71
53) Dibenzofuran	15.34	168	255951	18.457 ng/ul	99
54) 2,4-Dinitrotoluene	15.31	165	69014	18.309 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.57	232	62496	20.833 ng/ul#	92
56) Diethylphthalate	15.74	149	239190	16.925 ng/ul	99
58) Fluorene	16.00	166	222033	18.085 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.98	204	119402	18.127 ng/ul	87
60) 4-Nitroaniline	16.02	138	44610	16.789 ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	16.07	198	40870m	17.684 ng/ul	
64) N-Nitrosodiphenylamine	16.20	169	184661	20.005 ng/ul	94
65) 4-Bromophenyl-phenylether	16.87	248	79249	21.015 ng/ul	94
66) Hexachlorobenzene	17.01	284	82835	20.634 ng/ul	96
67) Atrazine	17.13	200	77079	19.153 ng/ul	98
68) Pentachlorophenol	17.35	266	40195m	19.767 ng/ul	
69) Phenanthrene	17.74	178	336113m	19.035 ng/ul	
71) Anthracene	17.84	178	343551	19.037 ng/ul	99
72) Carbazole	18.11	167	289149	18.423 ng/ul	100
73) Di-n-butylphthalate	18.63	149	357534	18.300 ng/ul#	97
74) Fluoranthene	19.74	202	407208	18.976 ng/ul	99
77) Pyrene	20.10	202	420787	17.798 ng/ul	98
78) Butylbenzylphthalate	20.97	149	166821	18.835 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.91	252	146206	19.123 ng/ul#	98
80) Benzo(a)anthracene	22.01	228	427345	18.664 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.87	149	232977	18.496 ng/ul	96
82) Chrysene	22.08	228	387945	18.813 ng/ul	98
84) Di-n-octyl phthalate	23.16	149	405256	18.000 ng/ul	100
85) Benzo(b)fluoranthene	24.41	252	427191m	19.002 ng/ul	
86) Benzo(k)fluoranthene	24.48	252	404051	18.400 ng/ul	97
88) Benzo(a)pyrene	25.36	252	407736	18.732 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.55	276	479590	18.815 ng/ul#	95
90) Dibenzo(a,h)anthracene	29.61	278	399544	18.701 ng/ul	94
91) Benzo(g,h,i)perylene	30.81	276	394404	18.808 ng/ul#	95

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

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