Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081417\
Data File : BG028315.D
Acq On : 14 Aug 2017 11:23
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02067

Manual Integrations APPROVED
Sohil
8/15/2017 6:01:22 PM

Quant Time: Aug 15 06:09:17 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 12 02:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	42359	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	187106	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	135168	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	324548m	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	353178	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	310872	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.84	96	6148	6.76	ng/uL	0.00
5) Phenol-d5	7.51	99	80855	17.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	50578	17.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	58342	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	71348	18.35	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	31643	21.63	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	37752	23.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	73611	22.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	86308	23.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	234755	19.53	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	286930	21.17	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	36003	18.83	ng/ul	0.00
57) Fluorene-d10	15.96	176	213031	19.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	42075	19.96	ng/ul	0.00
70) Anthracene-d10	17.81	188	325643	20.92	ng/ul	0.00
76) Pyrene-d10	20.09	212	353142	19.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	318528	21.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	6901	7.223	ng/uL#	72
4) Benzaldehyde	7.50	77	52124	19.388	ng/ul	94
6) Phenol	7.54	94	82093	17.756	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.76	93	57426	18.233	ng/ul	92
10) 2-Chlorophenol	7.92	128	57382	20.064	ng/ul	87
11) 2-Methylphenol	8.79	108	60243	18.460	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.88	45	122836	16.067	ng/ul#	97
14) Acetophenone	9.18	105	97191	17.527	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.15	70	55388	17.575	ng/ul#	86
16) 4-Methylphenol	9.12	108	67516	18.322	ng/ul	93
17) Hexachloroethane	9.45	117	23032	19.434	ng/ul	93
20) Nitrobenzene	9.57	77	84224	19.886	ng/ul	97
21) Isophorone	10.09	82	148922	18.508	ng/ul	98
23) 2-Nitrophenol	10.28	139	35293	21.793	ng/ul	88
24) 2,4-Dimethylphenol	10.33	107	85638	21.275	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.56	93	84435	19.264	ng/ul	96
27) 2,4-Dichlorophenol	10.82	162	65968	21.834	ng/ul	99
28) Naphthalene	11.23	128	191812	20.699	ng/ul	99
30) 4-Chloroaniline	11.33	127	81892	22.867	ng/ul	92
31) Hexachlorobutadiene	11.50	225	45601	20.447	ng/ul	92
32) Caprolactam	12.08	113	23160m	18.434	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	81318	21.086	ng/ul	97
34) 2-Methylnaphthalene	12.81	142	151682	20.378	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	95013	21.808	ng/ul	94
37) Hexachlorocyclopentadiene	13.14	237	36581	15.216	ng/ul	99
38) 2,4,6-Trichlorophenol	13.41	196	64530	23.764	ng/ul	97
39) 2,4,5-Trichlorophenol	13.49	196	65707	22.200	ng/ul	97
40) 1,1'-Biphenyl	13.80	154	205063	20.772	ng/ul	100
41) 2-Chloronaphthalene	13.85	162	161998	20.765	ng/ul	95
42) 2-Nitroaniline	14.05	65	67133	20.524	ng/ul	95
44) Dimethylphthalate	14.40	163	215734	19.489	ng/ul	98
45) 2,6-Dinitrotoluene	14.53	165	47117	20.616	ng/ul	95
47) Acenaphthylene	14.69	152	264250	20.400	ng/ul	98
48) 3-Nitroaniline	14.87	138	43888	21.326	ng/ul#	95
49) Acenaphthene	15.03	153	179183	20.501	ng/ul	97
50) 2,4-Dinitrophenol	15.07	184	25953	20.154	ng/ul#	81
52) 4-Nitrophenol	15.17	109	31506m	15.907	ng/ul	
53) Dibenzofuran	15.36	168	266511	20.914	ng/ul	96
54) 2,4-Dinitrotoluene	15.32	165	71886	20.754	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.59	232	61509	22.313	ng/ul#	93
56) Diethylphthalate	15.76	149	235888	18.165	ng/ul	98
58) Fluorene	16.01	166	231644	20.532	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.99	204	123179	20.351	ng/ul#	87
60) 4-Nitroaniline	16.03	138	45708	18.721	ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	16.08	198	41282m	19.311	ng/ul	
64) N-Nitrosodiphenylamine	16.21	169	188914	22.126	ng/ul	97
65) 4-Bromophenyl-phenylether	16.89	248	80544	23.090	ng/ul	94
66) Hexachlorobenzene	17.02	284	81618	21.979	ng/ul	99
67) Atrazine	17.15	200	74822	20.100	ng/ul	96
68) Pentachlorophenol	17.37	266	35963	19.120	ng/ul	92
69) Phenanthrene	17.76	178	339399m	20.780	ng/ul	
71) Anthracene	17.85	178	355525	21.298	ng/ul	98
72) Carbazole	18.12	167	302402	20.830	ng/ul	99
73) Di-n-butylphthalate	18.64	149	357560	19.785	ng/ul#	98
74) Fluoranthene	19.76	202	404539	20.380	ng/ul	100
77) Pyrene	20.12	202	424025	20.124	ng/ul	98
78) Butylbenzylphthalate	20.98	149	158252	20.047	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.92	252	144290	21.176	ng/ul	96
80) Benzo(a)anthracene	22.02	228	415533	20.363	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.88	149	211682	18.856	ng/ul	99
82) Chrysene	22.10	228	379118	20.629	ng/ul	98
84) Di-n-octyl phthalate	23.19	149	365193	19.602	ng/ul	100
85) Benzo(b)fluoranthene	24.43	252	388074	20.861	ng/ul#	98
86) Benzo(k)fluoranthene	24.51	252	400861	22.060	ng/ul#	96
88) Benzo(a)pyrene	25.40	252	374338	20.783	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.59	276	395625m	18.757	ng/ul	
90) Dibenzo(a,h)anthracene	29.66	278	315105m	17.824	ng/ul	
91) Benzo(g,h,i)perylene	30.87	276	278820	16.068	ng/ul#	93

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

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