Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100919\
Data File : BG043099.D
Acq On : 9 Oct 2019 12:05
Operator : JU
Sample : SSTD01026
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01026

Quant Time: Oct 09 13:30:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 13:10:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	38895	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	165809	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	125930	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	307468	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	358372	20.00	ng/ul	0.00
85) Perylene-d12	24.90	264	397275	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	3336	3.75	ng/uL	0.00
5) Phenol-d5	7.23	99	24205	7.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	15102	8.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	20789	7.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	21717	8.47	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	10570	8.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	12104	8.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	20279	6.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	21268	6.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	98332	10.07	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	106437	9.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.93	143	2533	1.54	ng/ul	0.04
57) Fluorene-d10	15.67	176	83927	9.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	15002	7.60	ng/ul	0.00
70) Anthracene-d10	17.52	188	141526	9.59	ng/ul	0.00
78) Pyrene-d10	19.80	212	174724	8.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.68	264	192599	9.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	3517	3.819	ng/uL	88
4) Benzaldehyde	7.20	77	17837	12.368	ng/ul	92
6) Phenol	7.25	94	24980	7.928	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.47	93	20441	8.528	ng/ul	97
10) 2-Chlorophenol	7.62	128	22094	8.352	ng/ul	91
11) 2-Methylphenol	8.51	108	20131	7.969	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.58	45	32584	8.036	ng/ul	96
14) Acetophenone	8.88	105	38329	9.725	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.85	70	20164	9.684	ng/ul	97
16) 4-Methylphenol	8.83	108	19807	7.258	ng/ul	91
17) Hexachloroethane	9.15	117	10946	9.993	ng/ul	90
20) Nitrobenzene	9.26	77	28423	9.998	ng/ul	94
21) Isophorone	9.77	82	56139	9.905	ng/ul#	92
23) 2-Nitrophenol	9.97	139	13025	8.413	ng/ul#	83
24) 2,4-Dimethylphenol	10.03	107	27799	9.100	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.26	93	29171	8.669	ng/ul#	98
27) 2,4-Dichlorophenol	10.51	162	20977	7.231	ng/ul	93
28) Naphthalene	10.91	128	81947	9.667	ng/ul	97
30) 4-Chloroaniline	11.03	127	24383	7.474	ng/ul	96
31) Hexachlorobutadiene	11.20	225	24019	10.905	ng/ul	97
32) Caprolactam	11.78	113	3980	4.240	ng/ul	92
33) 4-Chloro-3-methylphenol	12.15	107	25483	8.915	ng/ul#	90
34) 2-Methylnaphthalene	12.51	142	61699	9.158	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	40877	9.079	ng/ul	90
37) Hexachlorocyclopentadiene	12.86	237	23205	8.163	ng/ul#	83
38) 2,4,6-Trichlorophenol	13.29	196	249	0.089	ng/ul	87
39) 2,4,5-Trichlorophenol	13.20	196	17296	5.565	ng/ul	85
40) 1,1'-Biphenyl	13.51	154	89273	9.749	ng/ul#	98
41) 2-Chloronaphthalene	13.55	162	67821	9.198	ng/ul	98
42) 2-Nitroaniline	13.76	65	15855	8.220	ng/ul	87
44) Dimethylphthalate	14.12	163	97938	10.099	ng/ul#	95
45) 2,6-Dinitrotoluene	14.25	165	18402	8.724	ng/ul	98
47) Acenaphthylene	14.40	152	108845	9.666	ng/ul	97
48) 3-Nitroaniline	14.59	138	7534	4.479	ng/ul#	89
49) Acenaphthene	14.74	153	77797	9.881	ng/ul	96
50) 2,4-Dinitrophenol	14.81	184	3851	3.337	ng/ul#	82
52) 4-Nitrophenol	14.93	109	3551	2.922	ng/ul	95
53) Dibenzofuran	15.07	168	111224	9.465	ng/ul	100
54) 2,4-Dinitrotoluene	15.03	165	27669	9.022	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.30	232	26245	8.910	ng/ul	92
56) Diethylphthalate	15.49	149	100873	10.457	ng/ul	98
58) Fluorene	15.72	166	93226	9.850	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.71	204	53217	9.683	ng/ul	96
60) 4-Nitroaniline	15.74	138	10667	5.692	ng/ul#	91
63) 4,6-Dinitro-2-methylphenol	15.79	198	14666	6.901	ng/ul#	95
64) N-Nitrosodiphenylamine	15.93	169	83866	9.194	ng/ul	95
65) 4-Bromophenyl-phenylether	16.61	248	38164	9.376	ng/ul	94
66) Hexachlorobenzene	16.73	284	43369	10.608	ng/ul#	90
67) Atrazine	16.87	200	36887	9.649	ng/ul	99
68) Pentachlorophenol	17.08	266	11231	5.044	ng/ul	92
69) Phenanthrene	17.46	178	156235	9.282	ng/ul	97
71) Anthracene	17.55	178	164385	9.629	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	42544	8.683	ng/uL	91
73) Pentachlorobenzene	15.00	250	47522	9.593	ng/uL	100
74) Carbazole	17.82	167	137982	9.757	ng/ul	97
75) Di-n-butylphthalate	18.38	149	169470	9.723	ng/ul	99
76) Fluoranthene	19.47	202	213280	10.966	ng/ul	98
79) Pyrene	19.83	202	217526	9.024	ng/ul	100
80) Butylbenzylphthalate	20.71	149	78978	8.324	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.59	252	80033	9.826	ng/ul#	96
82) Benzo(a)anthracene	21.67	228	239191	9.626	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	115849	8.949	ng/ul	96
84) Chrysene	21.73	228	224633	9.686	ng/ul	97
86) Di-n-octyl phthalate	22.78	149	192921	9.815	ng/ul	100
87) Benzo(b)fluoranthene	23.88	252	235350	9.440	ng/ul#	94
88) Benzo(k)fluoranthene	23.95	252	234586	9.786	ng/ul#	97
90) Benzo(a)pyrene	24.75	252	229098	9.643	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.55	276	270054	9.746	ng/ul	97
92) Dibenzo(a,h)anthracene	28.62	278	227393	10.060	ng/ul	100
93) Benzo(g,h,i)perylene	29.69	276	116932	5.054	ng/ul	98

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

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