Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026712.D
Acq On : 27 Apr 2017 14:48
Operator : SJ/MA
Sample : SSTD00552
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD00552

Quant Time: Apr 27 17:14:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 27 17:05:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	145532	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	685159	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	384017	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	804971	20.00	ng/ul	0.00
75) Chrysene-d12	21.59	240	712745	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	720336	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	7106	5.67	ng/uL	0.00
5) Phenol-d5	7.19	99	61469	4.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	40227	5.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	54214	4.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	52838	4.86	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	27779	4.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	29103	4.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.45	165	47983	4.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	70144	5.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	167729	5.61	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	209791	5.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.86	143	17771	3.22	ng/ul	0.02
57) Fluorene-d10	15.61	176	149510	5.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	15104	3.18	ng/ul	0.00
70) Anthracene-d10	17.45	188	211731	6.30	ng/ul	0.00
76) Pyrene-d10	19.73	212	206821	5.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	175606	5.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	8824	6.43	ng/uL#	61
4) Benzaldehyde	7.15	77	25603	4.08	ng/ul#	64
6) Phenol	7.22	94	65128	4.93	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.42	93	55112	5.43	ng/ul#	82
10) 2-Chlorophenol	7.58	128	53481	4.97	ng/ul#	75
11) 2-Methylphenol	8.46	108	50169	4.79	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.55	45	58425	5.51	ng/ul#	87
14) Acetophenone	8.83	105	85453	5.38	ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.80	70	40728	5.32	ng/ul#	71
16) 4-Methylphenol	8.80	108	57923	5.13	ng/ul	85
17) Hexachloroethane	9.09	117	21728	5.43	ng/ul#	66
20) Nitrobenzene	9.21	77	55744	5.11	ng/ul#	74
21) Isophorone	9.73	82	106717	5.16	ng/ul#	87
23) 2-Nitrophenol	9.93	139	31019	4.72	ng/ul#	60
24) 2,4-Dimethylphenol	9.99	107	59832	5.11	ng/ul#	77
25) Bis(2-Chloroethoxy)methane	10.21	93	74834	5.18	ng/ul	92
27) 2,4-Dichlorophenol	10.48	162	47945	4.89	ng/ul	97
28) Naphthalene	10.86	128	192613	5.62	ng/ul	99
30) 4-Chloroaniline	10.97	127	70532	5.45	ng/ul	90
31) Hexachlorobutadiene	11.14	225	26564	5.34	ng/ul	98
32) Caprolactam	11.71	113	16703	4.95	ng/ul#	54
33) 4-Chloro-3-methylphenol	12.11	107	52267	4.84	ng/ul#	82
34) 2-Methylnaphthalene	12.46	142	144759	5.70	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	53722	5.33 ng/ul	95
37) Hexachlorocyclopentadiene	12.81	237	14031	3.13 ng/ul	96
38) 2,4,6-Trichlorophenol	13.07	196	31250	4.46 ng/ul	94
39) 2,4,5-Trichlorophenol	13.16	196	33738	4.61 ng/ul	94
40) 1,1'-Biphenyl	13.46	154	178397	5.71 ng/ul	97
41) 2-Chloronaphthalene	13.50	162	131497	5.57 ng/ul	99
42) 2-Nitroaniline	13.71	65	32127	5.52 ng/ul#	77
44) Dimethylphthalate	14.07	163	167845	5.75 ng/ul	98
45) 2,6-Dinitrotoluene	14.20	165	30755	4.78 ng/ul#	84
47) Acenaphthylene	14.34	152	219616	5.84 ng/ul	97
48) 3-Nitroaniline	14.53	138	30643	4.42 ng/ul#	77
49) Acenaphthene	14.69	153	151893	5.73 ng/ul	95
50) 2,4-Dinitrophenol	14.76	184	2966	1.25 ng/ul#	49
52) 4-Nitrophenol	14.86	109	10336	3.20 ng/ul#	66
53) Dibenzofuran	15.02	168	204149	5.83 ng/ul	93
54) 2,4-Dinitrotoluene	14.98	165	44386	4.88 ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.25	232	25856	4.55 ng/ul#	83
56) Diethylphthalate	15.43	149	174823	5.77 ng/ul	97
58) Fluorene	15.67	166	166876	5.80 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.65	204	71794	5.57 ng/ul#	88
60) 4-Nitroaniline	15.69	138	28917	3.87 ng/ul#	57
63) 4,6-Dinitro-2-methylphenol	15.75	198	17095	3.39 ng/ul	92
64) N-Nitrosodiphenylamine	15.87	169	138869	5.42 ng/ul	97
65) 4-Bromophenyl-phenylether	16.54	248	40654	5.11 ng/ul#	82
66) Hexachlorobenzene	16.67	284	45007	5.22 ng/ul#	83
67) Atrazine	16.81	200	41122	5.00 ng/ul#	94
68) Pentachlorophenol	17.02	266	8772	2.21 ng/ul	88
69) Phenanthrene	17.39	178	252836	5.88 ng/ul	96
71) Anthracene	17.49	178	257864	5.85 ng/ul	98
72) Carbazole	17.76	167	220648	5.57 ng/ul	98
73) Di-n-butylphthalate	18.30	149	270780	5.65 ng/ul#	95
74) Fluoranthene	19.40	202	257872	6.10 ng/ul#	84
77) Pyrene	19.76	202	273583	6.11 ng/ul#	82
78) Butylbenzylphthalate	20.64	149	108009	5.02 ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.50	252	67033	4.79 ng/ul#	94
80) Benzo(a)anthracene	21.58	228	225790	5.64 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.48	149	155649	5.93 ng/ul#	96
82) Chrysene	21.64	228	215915	5.81 ng/ul	98
84) Di-n-octyl phthalate	22.66	149	263378	5.35 ng/ul	100
85) Benzo(b)fluoranthene	23.75	252	219920	5.44 ng/ul#	92
86) Benzo(k)fluoranthene	23.82	252	215037	5.48 ng/ul#	93
88) Benzo(a)pyrene	24.60	252	215891	5.46 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	28.35	276	247992	5.17 ng/ul#	80
90) Dibenzo(a,h)anthracene	28.40	278	211789	5.26 ng/ul#	85
91) Benzo(g,h,i)perylene	29.48	276	206164	5.16 ng/ul#	78

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

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