Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090817\
Data File : BG028603.D
Acq On : 8 Sep 2017 14:54
Operator : SJ/JU
Sample : SSTD02055
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02055

Quant Time: Sep 08 15:53:11 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG090817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 08 15:50:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	35643	20.00	ng/ul	0.00
18) Naphthalene-d8	11.15	136	143347	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	100017	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	254182	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	299628	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	294004	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	6289	9.73	ng/uL	0.00
5) Phenol-d5	7.49	99	64333	21.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	40514	23.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	46807	20.34	ng/ul	0.00
13) 4-Methylphenol-d8	9.03	113	54024	22.28	ng/ul	0.00
19) Nitrobenzene-d5	9.50	128	24449	23.18	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	28661	22.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	54313	21.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	41767	18.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	182184	21.01	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	209027	21.21	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	25394	20.22	ng/ul	0.00
57) Fluorene-d10	15.94	176	158745	19.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	33867	19.18	ng/ul	0.00
70) Anthracene-d10	17.70	188	254182	20.74	ng/ul	-0.10
76) Pyrene-d10	20.07	212	300173	22.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	280469	20.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	6934	8.841	ng/uL#	87
4) Benzaldehyde	7.48	77	45167	24.865	ng/ul#	81
6) Phenol	7.52	94	66078	23.247	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.74	93	46888	22.887	ng/ul	93
10) 2-Chlorophenol	7.90	128	48734	22.780	ng/ul	95
11) 2-Methylphenol	8.77	108	47838	22.920	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.86	45	92713	23.998	ng/ul	96
14) Acetophenone	9.16	105	77632	22.712	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.13	70	45635	26.039	ng/ul#	84
16) 4-Methylphenol	9.10	108	51315	22.435	ng/ul	84
17) Hexachloroethane	9.43	117	19638	22.794	ng/ul	90
20) Nitrobenzene	9.55	77	65838	27.000	ng/ul	98
21) Isophorone	10.06	82	120296	27.085	ng/ul	94
23) 2-Nitrophenol	10.27	139	27754	22.725	ng/ul#	84
24) 2,4-Dimethylphenol	10.31	107	64967	25.422	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.54	93	64791	24.317	ng/ul	95
27) 2,4-Dichlorophenol	10.80	162	48269	20.080	ng/ul#	91
28) Naphthalene	11.21	128	147883	21.770	ng/ul	97
30) 4-Chloroaniline	11.31	127	39879	19.198	ng/ul	96
31) Hexachlorobutadiene	11.48	225	40124	20.869	ng/ul	94
32) Caprolactam	12.07	113	18004	25.171	ng/ul	85
33) 4-Chloro-3-methylphenol	12.42	107	60543	26.417	ng/ul	95
34) 2-Methylnaphthalene	12.79	142	112932	20.560	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.15	216	74917	19.915	ng/ul#	90
37) Hexachlorocyclopentadiene	13.13	237	22996	10.332	ng/ul#	96
38) 2,4,6-Trichlorophenol	13.39	196	46041	20.288	ng/ul	98
39) 2,4,5-Trichlorophenol	13.47	196	50949	20.893	ng/ul	93
40) 1,1'-Biphenyl	13.78	154	152797	19.991	ng/ul	99
41) 2-Chloronaphthalene	13.83	162	119990	19.859	ng/ul#	93
42) 2-Nitroaniline	14.03	65	45109	26.123	ng/ul	92
44) Dimethylphthalate	14.38	163	165423	20.951	ng/ul#	96
45) 2,6-Dinitrotoluene	14.52	165	36636	22.939	ng/ul#	96
47) Acenaphthylene	14.67	152	195845	20.228	ng/ul	99
48) 3-Nitroaniline	14.85	138	25443	18.328	ng/ul#	98
49) Acenaphthene	15.01	153	131357	20.052	ng/ul	98
50) 2,4-Dinitrophenol	15.08	184	13148	14.292	ng/ul#	77
52) 4-Nitrophenol	15.16	109	24605	24.321	ng/ul#	77
53) Dibenzofuran	15.34	168	192996	19.926	ng/ul	95
54) 2,4-Dinitrotoluene	15.31	165	53712	23.071	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.58	232	45801	19.710	ng/ul#	95
56) Diethylphthalate	15.74	149	176165	21.397	ng/ul	98
58) Fluorene	15.99	166	169055	20.302	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.97	204	92211	19.971	ng/ul	88
60) 4-Nitroaniline	16.02	138	37602	22.825	ng/ul#	75
63) 4,6-Dinitro-2-methylphenol	16.08	198	33524	19.860	ng/ul#	95
64) N-Nitrosodiphenylamine	16.19	169	139344	20.339	ng/ul	96
65) 4-Bromophenyl-phenylether	16.87	248	63716	20.569	ng/ul	98
66) Hexachlorobenzene	17.00	284	66200	20.327	ng/ul	97
67) Atrazine	17.13	200	63020	20.906	ng/ul	97
68) Pentachlorophenol	17.35	266	25575	14.455	ng/ul	94
69) Phenanthrene	17.74	178	268346	20.598	ng/ul	99
71) Anthracene	17.83	178	275334	20.619	ng/ul	99
72) Carbazole	18.10	167	236308	21.463	ng/ul	99
73) Di-n-butylphthalate	18.63	149	300530	24.895	ng/ul#	96
74) Fluoranthene	19.74	202	341672	21.426	ng/ul	99
77) Pyrene	20.10	202	353576	22.273	ng/ul	99
78) Butylbenzylphthalate	20.96	149	136794	26.879	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.91	252	101946	20.928	ng/ul	98
80) Benzo(a)anthracene	22.00	228	365850	22.572	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.86	149	191125	26.355	ng/ul	97
82) Chrysene	22.08	228	326766	22.150	ng/ul	99
84) Di-n-octyl phthalate	23.16	149	336665	24.690	ng/ul	100
85) Benzo(b)fluoranthene	24.41	252	356864	21.271	ng/ul	98
86) Benzo(k)fluoranthene	24.41	252	356864	21.685	ng/ul	96
88) Benzo(a)pyrene	25.37	252	349067	21.533	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.57	276	414882	22.567	ng/ul	98
90) Dibenzo(a,h)anthracene	29.62	278	346903	22.480	ng/ul	92
91) Benzo(g,h,i)perylene	30.83	276	338468	22.316	ng/ul	96

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

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