Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081618\
Data File : BG036308.D
Acq On : 16 Aug 2018 12:14
Operator : JU/SJ
Sample : SSTD04006
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04006

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8/17/2018 4:57:30 PM

Quant Time: Aug 16 12:59:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081618MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 16 12:06:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	35089	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	149419	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	106412	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	296063	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	312044	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	305536	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	16716	18.75	ng/uL	0.00
5) Phenol-d5	7.23	99	160269	44.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	106689	43.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	93544	44.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	115544	43.26	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	37154	46.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	37044	42.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	114697	42.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	111850	44.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	366479	39.97	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	449040	41.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	46332	41.56	ng/ul	0.00
58) Fluorene-d10	15.69	176	335318	40.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	37662	39.05	ng/ul	0.00
71) Anthracene-d10	17.54	188	550246	39.22	ng/ul	0.00
79) Pyrene-d10	19.82	212	664825	39.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	687057	41.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	19148	17.412	ng/uL#	85
4) Benzaldehyde	7.22	77	134971	47.120	ng/ul	87
6) Phenol	7.25	94	162058	44.159	ng/ul#	78
8) Bis(2-Chloroethyl)ether	7.50	93	116743	44.247	ng/ul	90
10) 2-Chlorophenol	7.64	128	88730	42.726	ng/ul#	79
11) 2-Methylphenol	8.51	108	117144	44.409	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.61	45	146242	44.623	ng/ul	99
14) Acetophenone	8.90	105	191843	43.291	ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.89	70	127727	41.456	ng/ul#	92
16) 4-Methylphenol	8.84	108	119125	42.508	ng/ul	99
17) Hexachloroethane	9.17	117	45922	43.477	ng/ul	92
20) Nitrobenzene	9.28	77	150423	45.112	ng/ul#	84
21) Isophorone	9.81	82	336266	39.434	ng/ul#	92
23) 2-Nitrophenol	9.99	139	41391	42.548	ng/ul#	68
24) 2,4-Dimethylphenol	10.05	107	155322	40.580	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.29	93	159656	39.075	ng/ul	98
27) 2,4-Dichlorophenol	10.52	162	97501	39.701	ng/ul#	91
28) Naphthalene	10.94	128	306875	39.953	ng/ul	98
30) 4-Chloroaniline	11.04	127	110743	42.115	ng/ul	98
31) Hexachlorobutadiene	11.22	225	90064	37.613	ng/ul	96
32) Caprolactam	11.79	113	41048m	37.016	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	135701	39.212	ng/ul#	86
34) 2-Methylnaphthalene	12.54	142	232239	39.440	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	228010	39.484	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	179886	43.142	ng/ul#	94
38) Hexachlorocyclopentadiene	12.89	237	95465	39.346	ng/ul	99
39) 2,4,6-Trichlorophenol	13.13	196	99496	41.418	ng/ul	95
40) 2,4,5-Trichlorophenol	13.20	196	105989	39.918	ng/ul	99
41) 1,1'-Biphenyl	13.54	154	323112	41.869	ng/ul#	97
42) 2-Chloronaphthalene	13.58	162	256171	41.565	ng/ul	94
43) 2-Nitroaniline	13.78	65	87687	50.559	ng/ul#	74
45) Dimethylphthalate	14.16	163	363543	40.004	ng/ul	100
46) 2,6-Dinitrotoluene	14.27	165	54868	46.523	ng/ul#	73
48) Acenaphthylene	14.42	152	381230	41.323	ng/ul	98
49) 3-Nitroaniline	14.60	138	50954	44.507	ng/ul#	72
50) Acenaphthene	14.77	153	277643	41.418	ng/ul	98
51) 2,4-Dinitrophenol	14.80	184	27771	57.810	ng/ul#	90
53) 4-Nitrophenol	14.89	109	70023	42.174	ng/ul#	78
54) Dibenzofuran	15.10	168	395553	40.830	ng/ul	88
55) 2,4-Dinitrotoluene	15.06	165	75341	46.091	ng/ul#	69
56) 2,3,4,6-Tetrachlorophenol	15.32	232	92094	40.054	ng/ul#	91
57) Diethylphthalate	15.53	149	357132	39.669	ng/ul	99
59) Fluorene	15.75	166	338314	40.211	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.75	204	204872	38.575	ng/ul	96
61) 4-Nitroaniline	15.76	138	66547	44.072	ng/ul#	40
64) 4,6-Dinitro-2-methylphenol	15.82	198	39327	39.178	ng/ul#	77
65) N-Nitrosodiphenylamine	15.96	169	315077	41.283	ng/ul	96
66) 4-Bromophenyl-phenylether	16.64	248	140938	40.925	ng/ul	97
67) Hexachlorobenzene	16.75	284	142179	41.411	ng/ul	93
68) Atrazine	16.90	200	140664	41.321	ng/ul	97
69) Pentachlorophenol	17.09	266	74594	43.498	ng/ul	94
70) Phenanthrene	17.49	178	587899	39.801	ng/ul	98
72) Anthracene	17.58	178	585179	40.437	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	193207	41.726	ng/uL	97
74) Pentachlorobenzene	15.02	250	163883	39.107	ng/uL	98
75) Carbazole	17.84	167	498805	41.784	ng/ul#	95
76) Di-n-butylphthalate	18.42	149	590007	42.044	ng/ul#	97
77) Fluoranthene	19.50	202	812103	43.298	ng/ul	97
80) Pyrene	19.85	202	787939	39.606	ng/ul#	96
81) Butylbenzylphthalate	20.75	149	263535	42.978	ng/ul#	70
82) 3,3'-Dichlorobenzidine	21.61	252	282235	43.165	ng/ul#	94
83) Benzo(a)anthracene	21.70	228	798961	40.314	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.63	149	364515	41.918	ng/ul	99
85) Chrysene	21.76	228	728349	40.203	ng/ul	99
87) Di-n-octyl phthalate	22.87	149	607668	38.637	ng/ul	100
88) Benzo(b)fluoranthene	23.93	252	797344	38.304	ng/ul#	98
89) Benzo(k)fluoranthene	24.00	252	761636	37.975	ng/ul#	96
91) Benzo(a)pyrene	24.80	252	742379	38.750	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.63	276	871848m	41.127	ng/ul	
93) Dibenzo(a,h)anthracene	28.71	278	684739	39.917	ng/ul#	93
94) Benzo(g,h,i)perylene	29.77	276	709192	40.348	ng/ul#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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