Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012704.D
Acq On : 04 Nov 2017 13:07
Operator : SJ/JU
Sample : SSTD02089
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 13:38:35 2017
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 04 14:24:18 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02089

Manual Integrations APPROVED
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11/6/2017 4:23:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	77935	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	301829	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	178978	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	403421	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	467858	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	488275	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	11144	5.45	ng/uL	0.00
5) Phenol-d5	6.98	99	104448	14.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	57968	11.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	90222	19.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	90050	17.12	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	41594	18.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	47897	19.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	99327	20.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	110306	20.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	274091	21.78	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	345954	21.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	41952	18.08	ng/ul	0.00
57) Fluorene-d10	15.44	176	235595	20.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	45842	17.98	ng/ul	0.00
70) Anthracene-d10	17.29	188	370457	19.25	ng/ul	0.00
78) Pyrene-d10	19.58	212	399840	20.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	435626	19.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	11913	5.215	ng/uL	96
4) Benzaldehyde	6.96	77	68287	13.833	ng/ul	97
6) Phenol	7.01	94	107187	14.215	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.24	93	81149	13.815	ng/ul	99
10) 2-Chlorophenol	7.38	128	92618	18.343	ng/ul	98
11) 2-Methylphenol	8.26	108	81929	15.705	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.35	45	68020	7.138	ng/ul#	88
14) Acetophenone	8.63	105	138178	15.401	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	65529	12.656	ng/ul	98
16) 4-Methylphenol	8.58	108	87630	15.468	ng/ul	95
17) Hexachloroethane	8.89	117	37305	15.312	ng/ul#	73
20) Nitrobenzene	9.01	77	100176	13.392	ng/ul	98
21) Isophorone	9.54	82	175769	14.131	ng/ul	98
23) 2-Nitrophenol	9.72	139	52492	20.628	ng/ul	98
24) 2,4-Dimethylphenol	9.78	107	104944	16.698	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.02	93	109080	15.132	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	93896	19.780	ng/ul	96
28) Naphthalene	10.65	128	282502	18.493	ng/ul	98
30) 4-Chloroaniline	10.76	127	110583	19.245	ng/ul	99
31) Hexachlorobutadiene	10.94	225	76197	20.493	ng/ul	96
32) Caprolactam	11.55	113	25585m	17.491	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	90817	17.037	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	215296	19.547	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	133833	22.256 ng/ul#	96
37) Hexachlorocyclopentadiene	12.62	237	57970	15.368 ng/ul	95
38) 2,4,6-Trichlorophenol	12.88	196	83089	23.597 ng/ul	98
39) 2,4,5-Trichlorophenol	12.95	196	86552	22.785 ng/ul	99
40) 1,1'-Biphenyl	13.28	154	280445	21.206 ng/ul	98
41) 2-Chloronaphthalene	13.32	162	222232	21.600 ng/ul	94
42) 2-Nitroaniline	13.53	65	51935	13.696 ng/ul	97
44) Dimethylphthalate	13.90	163	271973	21.657 ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	54524	22.467 ng/ul	100
47) Acenaphthylene	14.17	152	337445	21.453 ng/ul	99
48) 3-Nitroaniline	14.36	138	48849	19.522 ng/ul	96
49) Acenaphthene	14.52	153	227178	20.566 ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	29386	17.624 ng/ul	95
52) 4-Nitrophenol	14.67	109	37685	13.856 ng/ul	93
53) Dibenzofuran	14.85	168	332782	20.786 ng/ul	92
54) 2,4-Dinitrotoluene	14.82	165	80165	22.099 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.07	232	80313	23.459 ng/ul#	84
56) Diethylphthalate	15.27	149	261251	20.284 ng/ul	96
58) Fluorene	15.50	166	272836	20.896 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.49	204	151699	21.788 ng/ul#	86
60) 4-Nitroaniline	15.52	138	52111	19.606 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.59	198	48362	17.637 ng/ul	93
64) N-Nitrosodiphenylamine	15.70	169	231319	19.003 ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	99319	21.976 ng/ul#	84
66) Hexachlorobenzene	16.50	284	112896	22.173 ng/ul#	82
67) Atrazine	16.66	200	92186	19.857 ng/ul	95
68) Pentachlorophenol	16.84	266	59381	19.262 ng/ul	98
69) Phenanthrene	17.23	178	416634	18.346 ng/ul	99
71) Anthracene	17.33	178	433854	18.658 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.25	216	130286	21.967 ng/uL	97
73) Pentachlorobenzene	14.77	250	130183	22.197 ng/uL	98
74) Carbazole	17.60	167	354080	16.892 ng/ul	98
75) Di-n-butylphthalate	18.16	149	413758	18.288 ng/ul	99
76) Fluoranthene	19.25	202	495082	18.035 ng/ul#	92
79) Pyrene	19.61	202	514279	20.009 ng/ul#	92
80) Butylbenzylphthalate	20.51	149	186375	19.873 ng/ul#	96
81) 3,3'-Dichlorobenzidine	21.29	252	203170	22.631 ng/ul#	99
82) Benzo(a)anthracene	21.36	228	522343	19.637 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	271797	19.751 ng/ul#	95
84) Chrysene	21.41	228	479344	19.013 ng/ul	98
86) Di-n-octyl phthalate	22.17	149	464048	16.376 ng/ul	99
87) Benzo(b)fluoranthene	22.96	252	553090	18.757 ng/ul#	95
88) Benzo(k)fluoranthene	23.01	252	537861	19.146 ng/ul#	95
90) Benzo(a)pyrene	23.55	252	537099	19.104 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.96	276	663801	20.735 ng/ul#	88
92) Dibenzo(a,h)anthracene	25.97	278	560772	20.446 ng/ul#	92
93) Benzo(g,h,i)perylene	26.67	276	549171	20.591 ng/ul#	89

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

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