Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020118\
Data File : BM014087.D
Acq On : 01 Feb 2018 23:22
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02024

Manual Integrations APPROVED
Sohil
2/2/2018 4:39:32 PM

Quant Time: Feb 02 03:00:26 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 02 01:03:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	90935	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	396160	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	265125	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	617785	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	694352	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	655522	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	14449	7.29	ng/uL	0.00
5) Phenol-d5	6.75	99	130918	19.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	83595	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	108357	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	113261	19.79	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	54442	19.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	61773	19.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	122025	18.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	110463	19.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	413437	18.79	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	529013	19.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	49344	16.27	ng/ul	0.00
57) Fluorene-d10	15.21	176	383528	19.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	66451	17.52	ng/ul	0.00
70) Anthracene-d10	17.07	188	595909	19.87	ng/ul	0.00
76) Pyrene-d10	19.37	212	664595	19.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	599181	18.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	17362	7.978	ng/uL#	60
4) Benzaldehyde	6.72	77	63185m	19.274	ng/ul	
6) Phenol	6.77	94	132064	19.314	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.00	93	104382	19.636	ng/ul	93
10) 2-Chlorophenol	7.13	128	110692	20.269	ng/ul	97
11) 2-Methylphenol	8.01	108	103399	19.637	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.09	45	106309	19.910	ng/ul#	77
14) Acetophenone	8.38	105	191213	19.792	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.36	70	100124	20.262	ng/ul#	71
16) 4-Methylphenol	8.33	108	112447	19.986	ng/ul	99
17) Hexachloroethane	8.61	117	57072	20.035	ng/ul#	81
20) Nitrobenzene	8.76	77	156391	19.460	ng/ul	98
21) Isophorone	9.27	82	259964	19.216	ng/ul	95
23) 2-Nitrophenol	9.46	139	66386	20.402	ng/ul#	86
24) 2,4-Dimethylphenol	9.53	107	147352	20.082	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.76	93	151333	20.307	ng/ul	97
27) 2,4-Dichlorophenol	9.99	162	123330	19.935	ng/ul#	95
28) Naphthalene	10.37	128	386639	19.386	ng/ul	99
30) 4-Chloroaniline	10.51	127	105380	18.221	ng/ul	89
31) Hexachlorobutadiene	10.65	225	108345	19.424	ng/ul	95
32) Caprolactam	11.29	113	30853m	18.163	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	123305	19.026	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	295794	19.644	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	193685	20.008	ng/ul#	94
37) Hexachlorocyclopentadiene	12.35	237	85389	16.198	ng/ul	100
38) 2,4,6-Trichlorophenol	12.63	196	114937	20.413	ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	118539	20.465	ng/ul	94
40) 1,1'-Biphenyl	13.03	154	407324	19.778	ng/ul	98
41) 2-Chloronaphthalene	13.07	162	335584	20.169	ng/ul	99
42) 2-Nitroaniline	13.30	65	91413	19.340	ng/ul	96
44) Dimethylphthalate	13.68	163	407386	19.206	ng/ul	97
45) 2,6-Dinitrotoluene	13.81	165	81655	19.820	ng/ul	94
47) Acenaphthylene	13.93	152	491030	19.813	ng/ul	98
48) 3-Nitroaniline	14.15	138	56406	18.219	ng/ul#	85
49) Acenaphthene	14.27	153	345230	19.867	ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	32710m	14.801	ng/ul	
52) 4-Nitrophenol	14.46	109	60338	16.511	ng/ul#	73
53) Dibenzofuran	14.62	168	515288	19.473	ng/ul	98
54) 2,4-Dinitrotoluene	14.61	165	120228	19.287	ng/ul#	65
55) 2,3,4,6-Tetrachlorophenol	14.85	232	109330	18.724	ng/ul#	88
56) Diethylphthalate	15.05	149	429248	19.291	ng/ul	96
58) Fluorene	15.27	166	427539	19.375	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.27	204	243954	19.307	ng/ul	99
60) 4-Nitroaniline	15.32	138	51682m	14.854	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.38	198	72008	18.731	ng/ul#	94
64) N-Nitrosodiphenylamine	15.49	169	364929	20.474	ng/ul	97
65) 4-Bromophenyl-phenylether	16.16	248	153126	19.831	ng/ul	92
66) Hexachlorobenzene	16.27	284	162230	19.746	ng/ul#	90
67) Atrazine	16.45	200	139161	19.438	ng/ul	95
68) Pentachlorophenol	16.63	266	70776	17.497	ng/ul	98
69) Phenanthrene	17.01	178	690205	19.870	ng/ul	98
71) Anthracene	17.10	178	704140	20.009	ng/ul	98
72) Carbazole	17.39	167	558697	19.465	ng/ul	98
73) Di-n-butylphthalate	17.94	149	725848	20.159	ng/ul	98
74) Fluoranthene	19.04	202	823319	19.051	ng/ul#	98
77) Pyrene	19.40	202	833007	20.105	ng/ul	98
78) Butylbenzylphthalate	20.32	149	321474	19.682	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.10	252	209733	19.383	ng/ul	95
80) Benzo(a)anthracene	21.16	228	840078	19.423	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.09	149	463853	19.478	ng/ul	98
82) Chrysene	21.21	228	787251	19.364	ng/ul	99
84) Di-n-octyl phthalate	21.96	149	761755	18.255	ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	821493	19.859	ng/ul#	98
86) Benzo(k)fluoranthene	22.75	252	769336	18.918	ng/ul#	98
88) Benzo(a)pyrene	23.26	252	750943	19.263	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.52	276	847107	19.830	ng/ul	97
90) Dibenzo(a,h)anthracene	25.53	278	717067	19.795	ng/ul#	97
91) Benzo(g,h,i)perylene	26.19	276	689509	19.523	ng/ul	98

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

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