Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014378.D
Acq On : 27 Feb 2018 12:24
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02005

Manual Integrations APPROVED
Sohil
2/28/2018 1:58:58 PM

Quant Time: Feb 27 15:39:20 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	93296	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	375055	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	217265	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	476928	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	463565	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	438116	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	15388	7.06	ng/uL	0.00
5) Phenol-d5	6.72	99	139512	17.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	87264	18.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	114671	18.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	118497	17.17	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	53320	19.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	63115	22.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	117574	19.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	133769	22.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	349936	19.50	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	457356	20.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	45747	18.47	ng/ul	0.00
57) Fluorene-d10	15.18	176	295836	18.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	53393	18.66	ng/ul	0.00
70) Anthracene-d10	17.04	188	460652	20.02	ng/ul	0.00
76) Pyrene-d10	19.34	212	471780	19.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	410402	19.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	18215	7.522	ng/uL#	59
4) Benzaldehyde	6.68	77	66492	20.683	ng/ul	99
6) Phenol	6.75	94	146422	17.696	ng/ul	91
8) Bis(2-Chloroethyl)ether	6.96	93	108693	18.105	ng/ul	98
10) 2-Chlorophenol	7.09	128	120778	19.565	ng/ul	97
11) 2-Methylphenol	7.97	108	110943	17.530	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.05	45	117404	19.378	ng/ul#	77
14) Acetophenone	8.35	105	187066	15.715	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.33	70	102505	17.184	ng/ul#	72
16) 4-Methylphenol	8.30	108	113674	16.483	ng/ul	96
17) Hexachloroethane	8.57	117	59302	18.440	ng/ul#	62
20) Nitrobenzene	8.72	77	160589	19.591	ng/ul	92
21) Isophorone	9.24	82	267480	19.077	ng/ul	97
23) 2-Nitrophenol	9.42	139	67014	21.569	ng/ul	91
24) 2,4-Dimethylphenol	9.49	107	142525	18.710	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.72	93	148493	20.106	ng/ul	97
27) 2,4-Dichlorophenol	9.96	162	109308	19.389	ng/ul#	85
28) Naphthalene	10.34	128	371215	19.271	ng/ul	100
30) 4-Chloroaniline	10.47	127	130634	21.882	ng/ul	93
31) Hexachlorobutadiene	10.61	225	80915	18.091	ng/ul	94
32) Caprolactam	11.26	113	35902m	19.883	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	125811	18.469	ng/ul	97
34) 2-Methylnaphthalene	11.96	142	264069	18.011	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.34	216	139915	20.062	ng/ul#	91
37) Hexachlorocyclopentadiene	12.30	237	49283	12.985	ng/ul#	93
38) 2,4,6-Trichlorophenol	12.60	196	94363	21.687	ng/ul	97
39) 2,4,5-Trichlorophenol	12.69	196	94642	21.284	ng/ul	99
40) 1,1'-Biphenyl	13.00	154	345455	20.641	ng/ul#	98
41) 2-Chloronaphthalene	13.04	162	275027	20.571	ng/ul	93
42) 2-Nitroaniline	13.27	65	93682	20.709	ng/ul	97
44) Dimethylphthalate	13.65	163	344970	19.498	ng/ul#	97
45) 2,6-Dinitrotoluene	13.78	165	70241	20.897	ng/ul#	91
47) Acenaphthylene	13.89	152	426769	20.408	ng/ul	98
48) 3-Nitroaniline	14.12	138	58656	20.588	ng/ul	99
49) Acenaphthene	14.24	153	288917	19.621	ng/ul	97
50) 2,4-Dinitrophenol	14.35	184	33620	18.597	ng/ul#	86
52) 4-Nitrophenol	14.45	109	53071	16.341	ng/ul#	75
53) Dibenzofuran	14.58	168	408244	18.490	ng/ul	91
54) 2,4-Dinitrotoluene	14.59	165	103319	19.184	ng/ul#	58
55) 2,3,4,6-Tetrachlorophenol	14.82	232	83108	18.482	ng/ul#	81
56) Diethylphthalate	15.02	149	367551	18.643	ng/ul#	92
58) Fluorene	15.23	166	334741	17.562	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.23	204	170500	17.101	ng/ul	91
60) 4-Nitroaniline	15.29	138	56594	17.713	ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	15.36	198	54245	18.629	ng/ul#	87
64) N-Nitrosodiphenylamine	15.46	169	285391	20.823	ng/ul	97
65) 4-Bromophenyl-phenylether	16.13	248	103548	19.457	ng/ul#	84
66) Hexachlorobenzene	16.24	284	112658	20.130	ng/ul#	87
67) Atrazine	16.42	200	111141	20.533	ng/ul	99
68) Pentachlorophenol	16.60	266	51699	17.629	ng/ul	96
69) Phenanthrene	16.98	178	523698	19.058	ng/ul	99
71) Anthracene	17.07	178	538903	19.501	ng/ul	97
72) Carbazole	17.36	167	447743	19.268	ng/ul	97
73) Di-n-butylphthalate	17.92	149	600507	20.031	ng/ul	99
74) Fluoranthene	19.01	202	607370	18.501	ng/ul#	93
77) Pyrene	19.37	202	603620	19.593	ng/ul#	92
78) Butylbenzylphthalate	20.29	149	271758	21.335	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.07	252	163791	20.097	ng/ul#	90
80) Benzo(a)anthracene	21.13	228	567333	19.610	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	375410	20.578	ng/ul#	96
82) Chrysene	21.19	228	522026	19.342	ng/ul	99
84) Di-n-octyl phthalate	21.93	149	604971	16.092	ng/ul#	93
85) Benzo(b)fluoranthene	22.67	252	520698	17.750	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	495378	17.761	ng/ul#	98
88) Benzo(a)pyrene	23.23	252	493846	18.839	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.48	276	583912	22.955	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.49	278	498063	23.564	ng/ul#	97
91) Benzo(g,h,i)perylene	26.14	276	470971	22.855	ng/ul#	95

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

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