Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071919\
Data File : BM021581.D
Acq On : 20 Jul 2019 06:53
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Manual Integrations APPROVED
mohammad
7/22/2019 3:01:06 PM

Quant Time: Jul 22 00:47:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 20 05:03:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	367872	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1470413	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	846879	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.11	188	1974369	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	2177856	20.00	ng/ul	0.00
85) Perylene-d12	23.55	264	2513900	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	59171	7.92	ng/uL	0.00
5) Phenol-d5	6.89	99	594604	20.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	345793	20.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	511549	20.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	479975	21.07	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	242807	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	265679	19.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	550570	20.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	624180	25.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1460506	19.69	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	1911384	20.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	245141	20.86	ng/ul	0.00
57) Fluorene-d10	15.35	176	1305215	19.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	263631	19.86	ng/ul	0.00
70) Anthracene-d10	17.20	188	2086893	20.35	ng/ul	0.00
78) Pyrene-d10	19.50	212	2347650	19.64	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.41	264	2734919	18.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	59947	7.637	ng/uL	99
4) Benzaldehyde	6.87	77	415615	26.914	ng/ul	97
6) Phenol	6.92	94	605999	22.134	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	466981	22.061	ng/ul	97
10) 2-Chlorophenol	7.27	128	511780	21.630	ng/ul	97
11) 2-Methylphenol	8.15	108	463268	22.206	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.24	45	601391	23.299	ng/ul	99
14) Acetophenone	8.54	105	759483	22.132	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	376495	21.879	ng/ul	96
16) 4-Methylphenol	8.49	108	493232	22.299	ng/ul	98
17) Hexachloroethane	8.77	117	227241	21.964	ng/ul	99
20) Nitrobenzene	8.92	77	600449	22.133	ng/ul	99
21) Isophorone	9.44	82	1041360	21.657	ng/ul	99
23) 2-Nitrophenol	9.62	139	288128	21.125	ng/ul	96
24) 2,4-Dimethylphenol	9.67	107	571111	21.522	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	642315	21.415	ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	529239	21.181	ng/ul	99
28) Naphthalene	10.54	128	1624437	21.228	ng/ul	99
30) 4-Chloroaniline	10.67	127	627213	26.570	ng/ul	98
31) Hexachlorobutadiene	10.80	225	396407	21.467	ng/ul	99
32) Caprolactam	11.48	113	171191m	26.254	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	509658	21.913	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	1174851	20.828	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	710733	21.579	ng/ul	99
37) Hexachlorocyclopentadiene	12.49	237	372204	22.214	ng/ul	99
38) 2,4,6-Trichlorophenol	12.78	196	431405	22.009	ng/ul	95
39) 2,4,5-Trichlorophenol	12.86	196	462025	22.239	ng/ul	98
40) 1,1'-Biphenyl	13.18	154	1519193	21.433	ng/ul	99
41) 2-Chloronaphthalene	13.22	162	1220248	21.482	ng/ul	99
42) 2-Nitroaniline	13.45	65	291889	23.516	ng/ul	98
44) Dimethylphthalate	13.82	163	1463346	21.187	ng/ul	99
45) 2,6-Dinitrotoluene	13.95	165	288682	22.954	ng/ul	98
47) Acenaphthylene	14.07	152	1737347	21.443	ng/ul	99
48) 3-Nitroaniline	14.29	138	270160	23.879	ng/ul	98
49) Acenaphthene	14.42	153	1260192	21.405	ng/ul	99
50) 2,4-Dinitrophenol	14.50	184	159175	21.045	ng/ul	98
52) 4-Nitrophenol	14.60	109	205374	23.458	ng/ul	96
53) Dibenzofuran	14.76	168	1801607	21.125	ng/ul	98
54) 2,4-Dinitrotoluene	14.74	165	441913	22.909	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.99	232	410940	22.194	ng/ul	99
56) Diethylphthalate	15.19	149	1415693	21.350	ng/ul	99
58) Fluorene	15.41	166	1471312	21.324	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.40	204	820057	21.267	ng/ul	98
60) 4-Nitroaniline	15.46	138	276119	23.769	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.50	198	270233	20.466	ng/ul	98
64) N-Nitrosodiphenylamine	15.62	169	1249082	21.267	ng/ul	99
65) 4-Bromophenyl-phenylether	16.30	248	521246	21.338	ng/ul	99
66) Hexachlorobenzene	16.40	284	606376	20.879	ng/ul	99
67) Atrazine	16.59	200	563497	25.969	ng/ul	100
68) Pentachlorophenol	16.76	266	344930	22.531	ng/ul	99
69) Phenanthrene	17.15	178	2358812	21.188	ng/ul	100
71) Anthracene	17.24	178	2435510	21.495	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.14	216	690100	21.322	ng/uL	99
73) Pentachlorobenzene	14.67	250	725453	21.758	ng/uL	99
74) Carbazole	17.52	167	2055926	21.860	ng/ul	99
75) Di-n-butylphthalate	18.07	149	2330024	21.625	ng/ul	99
76) Fluoranthene	19.17	202	2870904	21.718	ng/ul	100
79) Pyrene	19.53	202	2981392	20.685	ng/ul	98
80) Butylbenzylphthalate	20.43	149	1053968	20.643	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.22	252	1070923	22.116	ng/ul	100
82) Benzo(a)anthracene	21.29	228	3214128	21.550	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.20	149	1540321	20.510	ng/ul	99
84) Chrysene	21.33	228	2994049	21.354	ng/ul	99
86) Di-n-octyl phthalate	22.09	149	2732873	20.124	ng/ul	100
87) Benzo(b)fluoranthene	22.87	252	3319986	21.192	ng/ul	100
88) Benzo(k)fluoranthene	22.92	252	3372269	21.612	ng/ul	99
90) Benzo(a)pyrene	23.45	252	3250101	21.479	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.81	276	4116068	22.021	ng/ul	99
92) Dibenzo(a,h)anthracene	25.83	278	3466471	22.061	ng/ul	99
93) Benzo(g,h,i)perylene	26.51	276	3331478	21.604	ng/ul	100

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

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