Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052019\
Data File : BN005791.D
Acq On : 20 May 2019 10:28
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02085

Manual Integrations APPROVED
mohammad
5/21/2019 3:27:06 PM

Quant Time: May 21 03:20:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 20 03:44:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	49118	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	210694	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	148788	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	400285	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	511031	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	650928	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	8011	9.13	ng/uL	0.00
5) Phenol-d5	6.76	99	73169	19.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	39595	19.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	63126	20.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	62069	19.12	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	31175	20.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	33460	18.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	70585	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	74448	19.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	249115	21.76	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	300788	21.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	23647	14.66	ng/ul	0.00
57) Fluorene-d10	15.21	176	219381	22.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	36013	14.97	ng/ul	0.00
70) Anthracene-d10	17.07	188	379544	21.95	ng/ul	0.00
78) Pyrene-d10	19.39	212	474733	18.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	641858	21.98	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	8510	9.214	ng/uL#	94
4) Benzaldehyde	6.73	77	53936	19.628	ng/ul	94
6) Phenol	6.79	94	76088	19.664	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.00	93	57180	20.165	ng/ul	92
10) 2-Chlorophenol	7.14	128	63868	20.662	ng/ul	91
11) 2-Methylphenol	8.02	108	58672	19.097	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.10	45	73894	19.818	ng/ul#	93
14) Acetophenone	8.39	105	108922	20.958	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.36	70	47174	18.797	ng/ul#	91
16) 4-Methylphenol	8.35	108	64321	19.022	ng/ul	90
17) Hexachloroethane	8.62	117	29204	22.019	ng/ul	85
20) Nitrobenzene	8.76	77	78105	22.092	ng/ul	100
21) Isophorone	9.27	82	144155	20.451	ng/ul	95
23) 2-Nitrophenol	9.46	139	35130	19.107	ng/ul#	95
24) 2,4-Dimethylphenol	9.53	107	81198	21.386	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.76	93	82183	20.620	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	67368	20.774	ng/ul	95
28) Naphthalene	10.37	128	217274	21.588	ng/ul	99
30) 4-Chloroaniline	10.51	127	77688	20.525	ng/ul	97
31) Hexachlorobutadiene	10.66	225	57389	24.262	ng/ul	95
32) Caprolactam	11.27	113	22908m	19.279	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	74507	20.312	ng/ul	95
34) 2-Methylnaphthalene	12.00	142	167319	21.526	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	109678	22.896	ng/ul#	96
37) Hexachlorocyclopentadiene	12.35	237	27378	18.338	ng/ul	98
38) 2,4,6-Trichlorophenol	12.64	196	61926	20.884	ng/ul	96
39) 2,4,5-Trichlorophenol	12.73	196	62984	20.220	ng/ul	96
40) 1,1'-Biphenyl	13.03	154	235105	21.730	ng/ul#	97
41) 2-Chloronaphthalene	13.07	162	185899	21.754	ng/ul	96
42) 2-Nitroaniline	13.30	65	46238	18.771	ng/ul	98
44) Dimethylphthalate	13.67	163	246963	21.879	ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	45611	19.177	ng/ul	99
47) Acenaphthylene	13.93	152	290627	21.697	ng/ul	99
48) 3-Nitroaniline	14.15	138	39359	18.781	ng/ul#	85
49) Acenaphthene	14.27	153	195543	21.546	ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	25657	20.963	ng/ul	100
52) 4-Nitrophenol	14.47	109	26820	17.806	ng/ul	86
53) Dibenzofuran	14.62	168	306706	22.778	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	76443	21.448	ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	14.86	232	62270	21.529	ng/ul	94
56) Diethylphthalate	15.04	149	249650	21.853	ng/ul	98
58) Fluorene	15.27	166	245908	22.452	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	138943	23.253	ng/ul	97
60) 4-Nitroaniline	15.32	138	44506	19.049	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.40	198	37952	15.747	ng/ul#	94
64) N-Nitrosodiphenylamine	15.48	169	211630	20.428	ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	90955	21.699	ng/ul	96
66) Hexachlorobenzene	16.28	284	105763	22.491	ng/ul	93
67) Atrazine	16.44	200	85870	19.754	ng/ul	96
68) Pentachlorophenol	16.64	266	39220m	18.077	ng/ul	
69) Phenanthrene	17.01	178	432042	21.774	ng/ul	99
71) Anthracene	17.10	178	441293	21.843	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	114737	21.381	ng/uL	97
73) Pentachlorobenzene	14.54	250	115891	21.896	ng/uL	99
74) Carbazole	17.39	167	383256	21.517	ng/ul	100
75) Di-n-butylphthalate	17.95	149	425095	19.979	ng/ul	100
76) Fluoranthene	19.05	202	568592	23.178	ng/ul#	90
79) Pyrene	19.42	202	603592	19.234	ng/ul#	87
80) Butylbenzylphthalate	20.34	149	199880	15.547	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.14	252	177143	16.502	ng/ul#	97
82) Benzo(a)anthracene	21.20	228	683538	21.231	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	324115	17.768	ng/ul#	99
84) Chrysene	21.26	228	679713	22.396	ng/ul	99
86) Di-n-octyl phthalate	22.03	149	608311	17.515	ng/ul	100
87) Benzo(b)fluoranthene	22.79	252	750036	20.945	ng/ul#	96
88) Benzo(k)fluoranthene	22.83	252	792167	22.862	ng/ul#	96
90) Benzo(a)pyrene	23.36	252	779107	22.468	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.65	276	968371	22.841	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.66	278	809570	22.685	ng/ul#	93
93) Benzo(g,h,i)perylene	26.33	276	812214	22.919	ng/ul#	91

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

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