Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052119\
Data File : BN005823.D
Acq On : 21 May 2019 13:21
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02088

Manual Integrations APPROVED
mohammad
5/23/2019 4:01:46 AM

Quant Time: May 21 16:01:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 04:05:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	58850	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	234172	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	153034	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	378225	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	444173	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	523269	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	9150	8.70	ng/uL	0.00
5) Phenol-d5	6.76	99	83796	18.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	46175	19.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	71885	19.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	68196	17.53	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	34010	20.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	39348	20.04	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.97	165	79230	21.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	81163	19.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	243443	20.67	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	303707	21.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	27838	16.78	ng/ul	0.00
57) Fluorene-d10	15.20	176	210297	20.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	33814	14.87	ng/ul	0.00
70) Anthracene-d10	17.06	188	344182	21.06	ng/ul	0.00
78) Pyrene-d10	19.38	212	416249	19.02	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	488045	20.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	10176	9.196	ng/uL#	86
4) Benzaldehyde	6.73	77	61011	18.531	ng/ul	94
6) Phenol	6.79	94	85597	18.463	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.00	93	65440	19.262	ng/ul	92
10) 2-Chlorophenol	7.13	128	72577	19.597	ng/ul	93
11) 2-Methylphenol	8.01	108	65283	17.735	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.09	45	83503	18.692	ng/ul#	89
14) Acetophenone	8.38	105	115192	18.499	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.36	70	51844	17.242	ng/ul#	93
16) 4-Methylphenol	8.35	108	71908	17.749	ng/ul	99
17) Hexachloroethane	8.62	117	32963	20.743	ng/ul	91
20) Nitrobenzene	8.75	77	83442	21.236	ng/ul	97
21) Isophorone	9.27	82	155562	19.857	ng/ul	96
23) 2-Nitrophenol	9.46	139	41729	20.421	ng/ul	95
24) 2,4-Dimethylphenol	9.52	107	87852	20.819	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.75	93	89364	20.173	ng/ul	96
27) 2,4-Dichlorophenol	10.00	162	74782	20.748	ng/ul	94
28) Naphthalene	10.37	128	230740	20.627	ng/ul	100
30) 4-Chloroaniline	10.50	127	82988	19.727	ng/ul	99
31) Hexachlorobutadiene	10.65	225	60939	23.180	ng/ul	97
32) Caprolactam	11.26	113	23292m	17.637	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	82392	20.210	ng/ul	94
34) 2-Methylnaphthalene	11.99	142	173074	20.034	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	112452	22.823 ng/ul#	97
37) Hexachlorocyclopentadiene	12.34	237	30366	19.775 ng/ul	95
38) 2,4,6-Trichlorophenol	12.63	196	68512	22.464 ng/ul	99
39) 2,4,5-Trichlorophenol	12.72	196	70626	22.044 ng/ul	98
40) 1,1'-Biphenyl	13.03	154	238428	21.426 ng/ul#	96
41) 2-Chloronaphthalene	13.07	162	184470	20.988 ng/ul	97
42) 2-Nitroaniline	13.29	65	49230	19.431 ng/ul	98
44) Dimethylphthalate	13.66	163	244358	21.048 ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	46833	19.144 ng/ul	97
47) Acenaphthylene	13.92	152	286075	20.765 ng/ul	98
48) 3-Nitroaniline	14.13	138	40357	18.722 ng/ul#	88
49) Acenaphthene	14.26	153	198067	21.218 ng/ul	97
50) 2,4-Dinitrophenol	14.39	184	23432	18.614 ng/ul	92
52) 4-Nitrophenol	14.48	109	26095	16.844 ng/ul	89
53) Dibenzofuran	14.60	168	291515	21.049 ng/ul	99
54) 2,4-Dinitrotoluene	14.61	165	70465	19.222 ng/ul#	72
55) 2,3,4,6-Tetrachlorophenol	14.85	232	62699	21.076 ng/ul	95
56) Diethylphthalate	15.04	149	241662	20.567 ng/ul	98
58) Fluorene	15.26	166	236264	20.973 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.26	204	134659	21.911 ng/ul	95
60) 4-Nitroaniline	15.31	138	36207	15.067 ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.39	198	34692	15.234 ng/ul#	96
64) N-Nitrosodiphenylamine	15.47	169	201701	20.605 ng/ul	97
65) 4-Bromophenyl-phenylether	16.15	248	87951	22.206 ng/ul	97
66) Hexachlorobenzene	16.27	284	95882	21.579 ng/ul	94
67) Atrazine	16.44	200	84317	20.528 ng/ul	97
68) Pentachlorophenol	16.63	266	38795	18.924 ng/ul	96
69) Phenanthrene	17.00	178	390915	20.851 ng/ul	99
71) Anthracene	17.10	178	406379	21.288 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	115850	22.847 ng/uL	98
73) Pentachlorobenzene	14.53	250	111316	22.258 ng/uL	96
74) Carbazole	17.38	167	342066	20.324 ng/ul	99
75) Di-n-butylphthalate	17.94	149	426794	21.229 ng/ul	99
76) Fluoranthene	19.05	202	499208	21.537 ng/ul#	91
79) Pyrene	19.41	202	515488	18.899 ng/ul#	88
80) Butylbenzylphthalate	20.33	149	207765	18.593 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.13	252	169505	18.167 ng/ul#	97
82) Benzo(a)anthracene	21.19	228	571786	20.434 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	310074	19.557 ng/ul#	98
84) Chrysene	21.25	228	551063	20.890 ng/ul	100
86) Di-n-octyl phthalate	22.02	149	561616	20.115 ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	588068	20.428 ng/ul#	95
88) Benzo(k)fluoranthene	22.82	252	599930	21.538 ng/ul#	96
90) Benzo(a)pyrene	23.33	252	586121	21.026 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.63	276	716630	21.027 ng/ul#	93
92) Dibenzo(a,h)anthracene	25.63	278	599629	20.901 ng/ul#	93
93) Benzo(g,h,i)perylene	26.30	276	603401	21.181 ng/ul#	90

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

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