Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050319\
Data File : BN005482.D
Acq On : 04 May 2019 09:19
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02096

Manual Integrations APPROVED
mohammad
5/7/2019 8:22:01 AM

Quant Time: May 06 02:52:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	272279	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1190085	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	748384	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1781105	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1462015	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	1324436	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	35604	6.31	ng/uL	0.00
5) Phenol-d5	6.78	99	404685	18.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	217259	16.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	325335	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	330356	19.76	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	167565	22.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	189976	25.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	364931	21.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	382143	21.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1080978	19.90	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1348290	20.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	182953	21.33	ng/ul	0.00
57) Fluorene-d10	15.22	176	926805	20.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	165903	20.71	ng/ul	0.00
70) Anthracene-d10	17.07	188	1488148	19.93	ng/ul	0.00
78) Pyrene-d10	19.39	212	1643208	21.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1156796	19.99	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	38880	6.410	ng/uL	98
4) Benzaldehyde	6.75	77	274081	18.086	ng/ul	97
6) Phenol	6.80	94	414824	18.859	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.03	93	310742	17.643	ng/ul	95
10) 2-Chlorophenol	7.16	128	332020	19.624	ng/ul	94
11) 2-Methylphenol	8.03	108	320759	19.461	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	446951	15.114	ng/ul	95
14) Acetophenone	8.40	105	524991	19.623	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.39	70	258618	18.071	ng/ul#	91
16) 4-Methylphenol	8.36	108	352475	19.801	ng/ul	98
17) Hexachloroethane	8.65	117	136747	18.612	ng/ul	91
20) Nitrobenzene	8.78	77	389274	19.311	ng/ul	91
21) Isophorone	9.29	82	746495	18.703	ng/ul	98
23) 2-Nitrophenol	9.48	139	201302	23.923	ng/ul	97
24) 2,4-Dimethylphenol	9.54	107	402855	19.120	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.78	93	441454	17.600	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	356381	21.215	ng/ul	98
28) Naphthalene	10.40	128	1090646	19.713	ng/ul	99
30) 4-Chloroaniline	10.52	127	390349	21.832	ng/ul	98
31) Hexachlorobutadiene	10.69	225	245549	20.699	ng/ul	98
32) Caprolactam	11.26	113	116839m	22.988	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	378393	20.004	ng/ul	93
34) 2-Methylnaphthalene	12.02	142	811355	20.029	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	472423	20.398 ng/ul	96
37) Hexachlorocyclopentadiene	12.37	237	245318	15.535 ng/ul	96
38) 2,4,6-Trichlorophenol	12.65	196	299443	21.441 ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	320287	21.342 ng/ul	98
40) 1,1'-Biphenyl	13.05	154	1075282	19.284 ng/ul	98
41) 2-Chloronaphthalene	13.09	162	840171	19.591 ng/ul	98
42) 2-Nitroaniline	13.30	65	244609	21.504 ng/ul	87
44) Dimethylphthalate	13.69	163	1062078	19.620 ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	228530	24.450 ng/ul#	84
47) Acenaphthylene	13.94	152	1310224	19.981 ng/ul	99
48) 3-Nitroaniline	14.13	138	206926	23.814 ng/ul#	88
49) Acenaphthene	14.29	153	878388	19.622 ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	84765	18.617 ng/ul	93
52) 4-Nitrophenol	14.46	109	141848	18.218 ng/ul	90
53) Dibenzofuran	14.63	168	1276795	19.810 ng/ul	96
54) 2,4-Dinitrotoluene	14.60	165	331467	24.600 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.86	232	291297	23.332 ng/ul	91
56) Diethylphthalate	15.06	149	1067918	19.675 ng/ul	98
58) Fluorene	15.28	166	1030732	20.494 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.28	204	548178	20.547 ng/ul	97
60) 4-Nitroaniline	15.30	138	252380	23.298 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.37	198	175363	20.568 ng/ul	94
64) N-Nitrosodiphenylamine	15.49	169	924211	18.959 ng/ul	100
65) 4-Bromophenyl-phenylether	16.17	248	360856	20.111 ng/ul	93
66) Hexachlorobenzene	16.29	284	394305	20.637 ng/ul	94
67) Atrazine	16.46	200	364622	20.092 ng/ul	99
68) Pentachlorophenol	16.63	266	221698	19.816 ng/ul	98
69) Phenanthrene	17.02	178	1685125	19.427 ng/ul	99
71) Anthracene	17.11	178	1748977	19.793 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	495516	19.047 ng/uL	99
73) Pentachlorobenzene	14.55	250	454321	19.403 ng/uL	99
74) Carbazole	17.39	167	1534474	20.215 ng/ul	99
75) Di-n-butylphthalate	17.96	149	1882983	19.771 ng/ul	99
76) Fluoranthene	19.05	202	2033671	21.137 ng/ul	97
79) Pyrene	19.42	202	2034955	21.618 ng/ul#	94
80) Butylbenzylphthalate	20.35	149	865120	23.212 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.13	252	580739	19.881 ng/ul#	98
82) Benzo(a)anthracene	21.19	228	1796596	19.753 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	1269780	22.126 ng/ul	98
84) Chrysene	21.25	228	1645871	19.498 ng/ul	99
86) Di-n-octyl phthalate	22.02	149	2056771	25.355 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	1477859	19.850 ng/ul#	98
88) Benzo(k)fluoranthene	22.80	252	1446774m	20.347 ng/ul	
90) Benzo(a)pyrene	23.31	252	1383124	19.765 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.60	276	1532032	19.801 ng/ul	97
92) Dibenzo(a,h)anthracene	25.60	278	1291130	19.663 ng/ul#	95
93) Benzo(g,h,i)perylene	26.26	276	1251644	19.565 ng/ul	96

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

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