Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005416.D
Acq On : 02 May 2019 15:34
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02091

Manual Integrations APPROVED
Sohil
5/3/2019 4:52:18 PM

Quant Time: May 03 03:25:49 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	266471	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1148908	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	742808	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1760812	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1750460	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1751133	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	41330	7.49	ng/uL	0.00
5) Phenol-d5	6.78	99	411912	19.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	225767	17.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	327943	20.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	336599	20.57	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	166534	23.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	189679	26.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	364222	22.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	378985	22.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1112790	20.64	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1375892	20.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	183827	21.59	ng/ul	0.00
57) Fluorene-d10	15.23	176	956876	21.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	185717	23.45	ng/ul	0.00
70) Anthracene-d10	17.08	188	1520550	20.60	ng/ul	0.00
78) Pyrene-d10	19.39	212	1728364	19.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1571298	20.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	42019	7.079	ng/uL	98
4) Benzaldehyde	6.75	77	279639	18.855	ng/ul	98
6) Phenol	6.80	94	420638	19.540	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	324575	18.830	ng/ul	93
10) 2-Chlorophenol	7.16	128	333455	20.138	ng/ul	95
11) 2-Methylphenol	8.03	108	322775	20.010	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.12	45	452241	15.626	ng/ul#	95
14) Acetophenone	8.40	105	539816	20.617	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.39	70	270479	19.312	ng/ul#	88
16) 4-Methylphenol	8.36	108	361220	20.735	ng/ul	96
17) Hexachloroethane	8.65	117	137794	19.163	ng/ul	91
20) Nitrobenzene	8.78	77	389867	20.033	ng/ul	96
21) Isophorone	9.29	82	764082	19.830	ng/ul	97
23) 2-Nitrophenol	9.48	139	201360	24.787	ng/ul	94
24) 2,4-Dimethylphenol	9.55	107	407511	20.035	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.78	93	460909	19.034	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	350681	21.624	ng/ul	98
28) Naphthalene	10.40	128	1083178	20.280	ng/ul	99
30) 4-Chloroaniline	10.52	127	386694	22.403	ng/ul	98
31) Hexachlorobutadiene	10.69	225	240593	21.008	ng/ul	98
32) Caprolactam	11.27	113	122166	24.897	ng/ul	78
33) 4-Chloro-3-methylphenol	11.65	107	393399	21.543	ng/ul	93
34) 2-Methylnaphthalene	12.02	142	815304	20.847	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	470595	20.471 ng/ul	99
37) Hexachlorocyclopentadiene	12.38	237	313233	19.985 ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	304011	21.932 ng/ul	95
39) 2,4,5-Trichlorophenol	12.72	196	330015	22.156 ng/ul	100
40) 1,1'-Biphenyl	13.05	154	1100494	19.884 ng/ul	98
41) 2-Chloronaphthalene	13.09	162	844357	19.836 ng/ul	97
42) 2-Nitroaniline	13.30	65	252501	22.365 ng/ul	87
44) Dimethylphthalate	13.69	163	1089319	20.274 ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	232534	25.065 ng/ul	91
47) Acenaphthylene	13.95	152	1318163	20.253 ng/ul	99
48) 3-Nitroaniline	14.14	138	206432	23.935 ng/ul#	88
49) Acenaphthene	14.29	153	890817	20.049 ng/ul	97
50) 2,4-Dinitrophenol	14.36	184	102342	22.647 ng/ul#	85
52) 4-Nitrophenol	14.46	109	150123	19.425 ng/ul	91
53) Dibenzofuran	14.63	168	1325074	20.713 ng/ul	98
54) 2,4-Dinitrotoluene	14.61	165	334925	25.043 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.86	232	295661	23.860 ng/ul	91
56) Diethylphthalate	15.07	149	1107012	20.548 ng/ul	99
58) Fluorene	15.28	166	1061458	21.264 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.28	204	565884	21.370 ng/ul	97
60) 4-Nitroaniline	15.30	138	251773	23.416 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.37	198	196324	23.292 ng/ul	93
64) N-Nitrosodiphenylamine	15.50	169	957431	19.867 ng/ul	99
65) 4-Bromophenyl-phenylether	16.18	248	365423	20.600 ng/ul	94
66) Hexachlorobenzene	16.29	284	403535	21.363 ng/ul#	89
67) Atrazine	16.46	200	374277	20.861 ng/ul	97
68) Pentachlorophenol	16.64	266	226444	20.474 ng/ul	98
69) Phenanthrene	17.02	178	1729268	20.165 ng/ul	100
71) Anthracene	17.12	178	1774951	20.318 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	491154	19.097 ng/uL	99
73) Pentachlorobenzene	14.55	250	458431	19.804 ng/uL	99
74) Carbazole	17.39	167	1595422	21.260 ng/ul	99
75) Di-n-butylphthalate	17.97	149	1904945	20.232 ng/ul	99
76) Fluoranthene	19.06	202	2116864	22.255 ng/ul	96
79) Pyrene	19.42	202	2175921	19.306 ng/ul	96
80) Butylbenzylphthalate	20.35	149	899741	20.163 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.13	252	701160	20.048 ng/ul	99
82) Benzo(a)anthracene	21.20	228	2185083	20.066 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.15	149	1322788	19.251 ng/ul#	96
84) Chrysene	21.25	228	2065026	20.432 ng/ul	99
86) Di-n-octyl phthalate	22.03	149	2263174	21.102 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	2095339m	21.286 ng/ul	
88) Benzo(k)fluoranthene	22.80	252	1898326	20.192 ng/ul	98
90) Benzo(a)pyrene	23.32	252	1891915	20.448 ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.61	276	1937404	18.939 ng/ul	97
92) Dibenzo(a,h)anthracene	25.62	278	1627919	18.751 ng/ul	97
93) Benzo(g,h,i)perylene	26.28	276	1561985	18.466 ng/ul	97

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

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