Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009474.D
Acq On : 29 Jan 2020 13:51
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02064

Manual Integrations APPROVED
mohammad
1/30/2020 8:04:01 AM

Quant Time: Jan 29 16:31:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	162264	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.20	136	684467	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	443461	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	945640	20.00	ng/ul	0.00
77) Chrysene-d12	21.06	240	822270	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	879332	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	28107	7.16	ng/uL	0.00
5) Phenol-d5	6.65	99	276046	19.18	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	186465	18.25	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.99	132	211833	20.16	ng/ul	-0.02
13) 4-Methylphenol-d8	8.16	113	222756	19.45	ng/ul	-0.01
19) Nitrobenzene-d5	8.59	128	105137	21.11	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.30	143	118710	22.74	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.83	165	220661	21.32	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.35	131	263759	21.10	ng/ul	-0.01
43) Dimethylphthalate-d6	13.51	166	673464	20.52	ng/ul	-0.01
46) Acenaphthylene-d8	13.77	160	810393	20.80	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.32	143	127741	20.91	ng/ul	0.00
57) Fluorene-d10	15.09	176	572780	19.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	116304	20.31	ng/ul	0.00
70) Anthracene-d10	16.94	188	905721	20.70	ng/ul	0.00
78) Pyrene-d10	19.25	212	959472	21.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	919717	20.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	30559	6.998	ng/uL	89
4) Benzaldehyde	6.61	77	112391	14.881	ng/ul	91
6) Phenol	6.67	94	284244	18.855	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.89	93	225893	18.684	ng/ul	98
10) 2-Chlorophenol	7.02	128	217008	19.855	ng/ul	92
11) 2-Methylphenol	7.90	108	211733	19.019	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.98	45	529717	16.676	ng/ul	98
14) Acetophenone	8.26	105	341135	18.436	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.25	70	191680	19.076	ng/ul	93
16) 4-Methylphenol	8.22	108	237067	19.445	ng/ul	98
17) Hexachloroethane	8.50	117	93143	18.396	ng/ul	99
20) Nitrobenzene	8.63	77	289531	19.774	ng/ul	99
21) Isophorone	9.16	82	518959	19.983	ng/ul	98
23) 2-Nitrophenol	9.33	139	124215	21.599	ng/ul	92
24) 2,4-Dimethylphenol	9.40	107	264898	20.074	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.64	93	314260	19.763	ng/ul	99
27) 2,4-Dichlorophenol	9.86	162	216714	21.375	ng/ul	98
28) Naphthalene	10.25	128	726008	19.710	ng/ul	98
30) 4-Chloroaniline	10.38	127	268066	21.276	ng/ul	98
31) Hexachlorobutadiene	10.54	225	136127	19.564	ng/ul	98
32) Caprolactam	11.15	113	75223m	21.657	ng/ul	
33) 4-Chloro-3-methylphenol	11.51	107	250244	20.341	ng/ul	92
34) 2-Methylnaphthalene	11.87	142	520826	20.539	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.25	216	251228	19.599 ng/ul	97
37) Hexachlorocyclopentadiene	12.23	237	105733	13.540 ng/ul	96
38) 2,4,6-Trichlorophenol	12.50	196	169767	21.427 ng/ul	99
39) 2,4,5-Trichlorophenol	12.58	196	180688	20.729 ng/ul	90
40) 1,1'-Biphenyl	12.91	154	666141	19.838 ng/ul	99
41) 2-Chloronaphthalene	12.95	162	531093	20.031 ng/ul	94
42) 2-Nitroaniline	13.16	65	193325	19.968 ng/ul	98
44) Dimethylphthalate	13.56	163	683499	20.229 ng/ul	99
45) 2,6-Dinitrotoluene	13.67	165	139603	21.715 ng/ul	95
47) Acenaphthylene	13.80	152	850586	20.233 ng/ul	100
48) 3-Nitroaniline	14.01	138	123897	20.643 ng/ul	98
49) Acenaphthene	14.15	153	575350	20.060 ng/ul	98
50) 2,4-Dinitrophenol	14.22	184	73976	19.821 ng/ul	88
52) 4-Nitrophenol	14.33	109	108006	19.104 ng/ul	91
53) Dibenzofuran	14.49	168	801616	20.117 ng/ul	98
54) 2,4-Dinitrotoluene	14.47	165	206398	21.524 ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.73	232	161245	21.648 ng/ul#	95
56) Diethylphthalate	14.95	149	714492	20.677 ng/ul	99
58) Fluorene	15.15	166	671826	20.120 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.15	204	329245	20.003 ng/ul	92
60) 4-Nitroaniline	15.17	138	139679	20.610 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.25	198	123118	20.199 ng/ul	99
64) N-Nitrosodiphenylamine	15.37	169	578043	20.644 ng/ul	97
65) 4-Bromophenyl-phenylether	16.05	248	190504	19.988 ng/ul	97
66) Hexachlorobenzene	16.16	284	209130	19.780 ng/ul	95
67) Atrazine	16.33	200	193317	18.870 ng/ul	96
68) Pentachlorophenol	16.50	266	123333	20.068 ng/ul#	89
69) Phenanthrene	16.89	178	1113565	20.870 ng/ul	98
71) Anthracene	16.97	178	1107866	20.393 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.87	216	257063	19.849 ng/uL	99
73) Pentachlorobenzene	14.42	250	243761	19.362 ng/uL	97
74) Carbazole	17.25	167	980842	21.089 ng/ul	99
75) Di-n-butylphthalate	17.84	149	1201161	21.140 ng/ul	99
76) Fluoranthene	18.92	202	1247701	20.399 ng/ul	98
79) Pyrene	19.27	202	1296210	21.771 ng/ul	96
80) Butylbenzylphthalate	20.21	149	526474	22.912 ng/ul	98
81) 3,3'-Dichlorobenzidine	20.98	252	311935	17.998 ng/ul	96
82) Benzo(a)anthracene	21.04	228	1194857	21.339 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.00	149	747030	21.433 ng/ul#	99
84) Chrysene	21.09	228	1150611	21.094 ng/ul	99
86) Di-n-octyl phthalate	21.86	149	1283158	20.400 ng/ul	100
87) Benzo(b)fluoranthene	22.55	252	1130150	20.327 ng/ul	98
88) Benzo(k)fluoranthene	22.59	252	1115392	20.403 ng/ul	95
90) Benzo(a)pyrene	23.08	252	1043621	20.911 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.24	276	1182442	19.551 ng/ul	97
92) Dibenzo(a,h)anthracene	25.26	278	1002509	19.647 ng/ul	98
93) Benzo(g,h,i)perylene	25.87	276	806848	16.038 ng/ul	99

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

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